

NASA		Blanket Task Order Agreement		1.DPAS DO-C2	2.PPC PF	3. INIT.OFC. N/A	4. PAGE 1 of 26
5. CONTRACT NO. NAS3-03100		6. EFFECTIVE DATE MAY 29 2003		7. PROCUREMENT REQUEST NO. RFO3-212121		8. VENDOR CODE N/A	
9. ISSUED BY NASA Glenn Research Center Services & Construction Branch [MS 500-312] 21000 Brookpark Road Cleveland, Ohio 44135		COD 0616		10. CONTRACTOR NAME AND ADDRESS RS Information Systems, Inc. 1651 Old Meadow RD, 5 th Floor McLean, VA 22102			
				NAME AND TELEPHONE NO. OF CONTRACT ADMINISTRATOR 703.734.7800 X272, Wanda Davis			
11. ADMINISTERED BY SEE BLOCK NINE (09) ABOVE		COD N/A		12. PAYMENT WILL BE MADE BY NASA Glenn Research Center Financial Management Division [Mail Stop 500-303] 21000 Brookpark Road Brookpark, Ohio 44135		CODE N/A	
13. SUBMIT INVOICES TO Paying Office - see Item 12		COD N/A		14. ACCOUNTING AND APPROPRIATIONS DATA BY TASK ORDER			
15B. INCREMENTAL FUNDING: X							
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17. ITEMS AWARDED UNDER THIS CONTRACT Professional, Administrative, and Computational Engineering Support II (PACE II) in accordance with the attached Statement of Work.							
18A. CONTRACTOR RS Information Systems, Inc.				18B. NASA GLENN RESEARCH CENTER			
19. NAME AND TITLE (TYPE OR PRINT) Rodney D. Hunt, President & CEO				20. NAME OF CONTRACTING OFFICER			
21. SIGNATURE (OF PERSON AUTHORIZED TO SIGN) <i>Rodney D. Hunt</i>				22. SIGNATURE <i>Angela L. Ryan</i>			
DATE 5/22/03				DATE 5/29/03			

The terms and conditions of Contract DTTS59-99-D-00TBD are applicable to this Blanket Task Order and are incorporated herein. The contractor shall also comply with the following NASA Glenn specific task order clauses, terms and conditions:

1. ITEMS TO BE ACQUIRED

The contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this contract as furnished by the Government) and otherwise do all things necessary to, or incident to, performing in accordance with the attached Statement of Work and the to be issued delivery orders.

2. ESTIMATE COSTS

The estimated costs are as follows:

PERIOD	Estimated Costs	Fixed Fee Incentive Fee	Estimated Costs and Fee
Base Period (36 Months)	[REDACTED]	[REDACTED]	35,855,656
Option Period (24 Months)	[REDACTED]	[REDACTED]	26,024,335
Totals	[REDACTED]	[REDACTED]	61,879,991

b(4)

3. PLACE OF PERFORMANCE

The place of performance shall be on-site at the Glenn Research Center or other location as indicated in the issued work orders.

4. AVAILABILITY OF FUNDS

Funds are not presently available for this contract. The Government's obligation under this contract is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the Contracting Officer for this contract and until the Contractor receives notice of such availability, to be confirmed in writing by the Contracting Officer.

5. PERIOD OF PERFORMANCE - BASIC AND OPTIONS

The initial period of performance hereunder shall be for a period of three years (36 months) commencing on the effective date of the contract. Subsequent periods, if any, shall be for periods of two years. If the Government requires performance of services after the initial contract period, notification to the Contractor of such requirement shall be in accordance with the clause 52.217-9 entitled "Option to Extend the Term of the Contract." The maximum period shall normally not exceed 5 years.

6. INSTALLATION- ACCOUNTABLE GOVERNMENT PROPERTY (NFS 1852.245-71) (JUN 1998)

(a) The Government property described in the clause at 1852.245- 77, List of Installation-Accountable Property and Services, shall be made available to the Contractor on a no-charge basis for use in performance of this contract. This property shall be utilized within the physical confines of the NASA installation that provided the property. Under this clause, the Government retains accountability for, and title to, the property, and the Contractor assumes the following user responsibilities:

See (1) NASA Procedures and Guidance (NPG) 4200.1 "NASA Equipment Management Manual", (2) NPG 4200.2 "NASA Equipment Management User's Guide for Property Custodians", (3) NPG 4300.1 "NASA Personal Property Disposal", and (4) NPG 4310.4 "Identification and Disposition of NASA Artifacts" for applicable user responsibilities.

The contractor shall establish and adhere to a system of written procedures for compliance with these user responsibilities. Such procedures must include holding employees liable, when appropriate, for loss, damage, or destruction of Government property.

(b) (1) The official accountable record keeping, physical inventory, financial control, and reporting of the property subject to this clause shall be retained by the Government and accomplished by the Installation Supply and Equipment Management Officer (SEMO) and Financial Management Officer. If this contract provides for the contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

(i) The contractor's purchase order shall require the vendor to deliver the property to the installation central receiving area;

(ii) The contractor shall furnish a copy of each purchase order, prior to delivery by the vendor, to the installation central receiving area:

(iii) The contractor shall establish a record of the property as required by FAR 45.5 and 1845.5 and furnish to the Industrial Property Officer a DD Form 1149 Requisition and Invoice/Shipping Document (or installation equivalent) to transfer accountability to the Government within 5 working days after receipt of the property by the contractor. The contractor is accountable for all contractor-acquired property until the property is transferred to the Government's accountability.

(iv) Contractor use of Government property at an off-site location and off-site subcontractor use require advance approval of the contracting officer and notification of the SEMO. The contractor shall assume accountability and financial reporting responsibility for such property. The contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR Part 45.5 until its return to the installation.

(2) After transfer of accountability to the Government, the contractor shall continue to maintain such internal records as are necessary to execute the user responsibilities identified in paragraph (a) and document the acquisition, billing, and disposition of the property. These records and supporting documentation shall be made available, upon request, to the SEMO and any other authorized representatives of the contracting officer.

7. LIST OF INSTALLATION-ACCOUNTABLE PROPERTY AND SERVICES (NFS 1852.245-77) (JUL 1997) (GRC MODIFICATION) (NOV 2000)

In accordance with the clause at 1852.245-71, Installation- Accountable Government Property, the Contractor is authorized use of the types of property and services listed below, to the extent they are available, in the performance of this contract within the physical borders of the installation which may include buildings and space owned or directly leased by NASA in close proximity to the installation, if so designated by the Contracting Officer.

(a) On-site office space, work area space, including utilities, and parking for all contractor technical and support personnel that are charged direct to this contract.

(b) General- and special-purpose equipment, including office furniture.

(1) Equipment to be made available is listed in as an attachment. In addition, "untagged" equipment, specifically office furniture (desks, chairs, file cabinets, tables, etc.) is available for all on-site contractor personnel. The Government retains accountability for this property under the clause at 1852.245-71, Installation-Accountable Government Property, regardless of its authorized location.

(2) If the Contractor acquires property, title to which vests in the Government pursuant to other provisions of this contract, this property also shall become accountable to the Government upon its entry into Government records as required by the clause at 1852.245-71, Installation-Accountable Government Property.

(3) The Contractor shall not bring to the installation for use under this contract any property owned or leased by the Contractor, or other property that the Contractor is accountable for under any other Government contract, without the Contracting Officer's prior written approval.

(c) Supplies from stores stock.

(d) Publications and blank forms stocked by the installation.

(e) For all contractor personnel (regardless of location); the contractor shall provide for their own information technology (IT) needs. Minimally however, any desired connections to GRC's local area network and telephone services shall be obtained through a direct contractual arrangement with GRC's ODIN contractor. The contractor may provide for their remaining IT needs on their own or obtain any or all of these services (including desktops, software, maintenance, system administration and related services) directly from the ODIN contractor. The contact for the ODIN contractor, Affiliated

Computer Services (ASC)-Government Solutions Group, is Jerry Stanley (216) 977-7700. In the event that the contractor chooses to provide for any of these additional IT services through means other than the GRC ODIN contractor, the contractor shall (i) strictly comply with all current and future Government, NASA, and Glenn relevant policies and standards and (ii) be solely responsible for ensuring compatibility and interoperability with Glenn systems wherever required.

(f) Safety and fire protection for Contractor personnel and facilities.

(g) Installation service facilities including library, computer, etc.

(h) Fitness Center facilities under the following conditions:

(1) Applications shall be submitted to, and shall be processed by, the support service contractor currently operating the Fitness Center for the Government.

(2) The procedure for receiving and processing applications, obtaining a medical authorization from a licensed physician, and selection of applicants for participation will be similar to the procedure for Government employees.

(3) All individuals applying for participation shall sign a statement waiving the Government from any liability for personal injury during participation in Fitness Center activities.

(i) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site duty. In all instances of severe injury, or sudden life threatening illness (e.g. heart attack), the Emergency Medical Technician Squad shall be summoned immediately, by dialing 911. Referrals to tertiary care centers and for private physicians will be made in cases requiring long-term follow-up, or when specific services required are unavailable on-site.

(j) Cafeteria privileges for Contractor employees during normal operating hours.

(k) Building maintenance, including janitorial services, for facilities occupied by Contractor personnel. Building maintenance includes structural repairs and HVAC unit service, but does not include contractor-desired alterations or improvements to office walls, floor coverings, or doors.

(l) Moving and hauling for office moves, movement of large equipment, and delivery of supplies. Moving services shall be provided on-site, as approved by the Contracting Officer.

(m) The user responsibilities of the Contractor are defined in paragraph (a) of the clause at 1852.245-71, Installation-Accountable Government Property.

8. (LIMITED) RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION (CBI) (GRC 52.203-91) (OCT 2000)

(a) NASA may find it necessary to release information submitted by the Contractor, either in response to this solicitation or pursuant to the provisions of this contract, to individuals not employed by NASA. Business information that would ordinarily be entitled to confidential treatment may be included in the information released to these individuals. Accordingly, by submission of this proposal, or signature on this contractor other contracts, the Contractor hereby consents to a limited release of its confidential business information (CBI).

(b) Possible circumstances where the Agency may release the Contractor's CBI include, but are not limited to, the following:

(1) To other Agency contractors and subcontractors, and their employees tasked with assisting the Agency in handling and processing information and documents in the evaluation, the award or the administration of Agency contracts, such as providing both pre-award and post-award audit support and specialized technical support to NASA's technical evaluation panels;

(2) To NASA contractors and subcontractors, and their employees engaged in information systems analysis, development, operation, and maintenance, including performing data processing and management functions for the Agency.

(c) NASA recognizes its obligation to protect the Contractor from competitive harm that could result from the release of such information to a competitor. Except where otherwise provided by law, NASA will permit the limited release of CBI under subparagraphs (1) or (2) only pursuant to non-disclosure agreements signed by the assisting contractor or subcontractor, and their individual employees who may require access to the CBI to perform the assisting contract.

(d) NASA's responsibilities under the Freedom of Information Act are not affected by this clause.

(e) The Contractor agrees to include this clause, including this paragraph (e), in all subcontracts at all levels awarded pursuant to this contract that require the furnishing of confidential business information by the subcontractor.

9. CONTRACTORS' DUTIES AND RESPONSIBILITIES ON-SITE (GRC 52.209-90) (SEP 2002)

I. BADGES

All Contractor personnel having a need to enter areas of the Glenn Research Center or Plum Brook Station shall have an identification badge or pass. This badge or pass shall be obtained at the entrance of the Glenn Research Center or Plum Brook Station. In addition to the requirements contained herein, the Contractor shall comply with Glenn Procedures and Guidelines GLPG 3730.1, Managing Conduct and Other Employee Issues, incorporated herein by reference and made a part hereof.

Resident Contractors (employees with picture badges)

1. The on-site company supervisor will notify the Main Gate Badge Clerk at PABX 3-2206 when a new employee is reporting to work. The Badge Clerk will give the company supervisor specific instructions as to how the new employee will be badged, photographed, fingerprinted, etc.

2. When an employee terminates and/or resigns employment, the company shall issue to the employee NASA Form C-10087, Non-NASA Separation Clearance Record. The company shall be responsible for making an inquiry of all offices listed on the form to see if the employee has any outstanding Government items. The employee shall then take this form to all offices that list he/she has outstanding items. The employee's last stop is for the return of their Government issued I.D. badge.

3. The Company shall ensure that the terminated and/or resigned employee has returned his/her badge to the Main Gate Badge Clerk. Final clearance of a Contractor upon completion of a contract will depend in part upon accounting for all badges issued to employees during the performance of the contract. It should be recognized that security badges are Government property and any alteration or misuse of these badges may be prosecuted as a violation of Section 499, Title 18, U.S. Code.

Non-Resident Contractors (employees with non-picture badges)

1. The Contractor's on-site manager shall comply with the Badge and Property Regulations (NASA Form C-421) a copy of which will be given the Contractor's supervisors at the time of the Construction Site Showing. The Badge and Property Regulations are quoted below:

A. The following regulations have been adopted governing the control of Contractor's Badges at the Glenn Research Center.

1. Ensure that each company employee is in possession of NASA Form C-9975 prior to reporting to work for badging purposes. Employees not in possession of the above mentioned form will be delayed at the gate until such time as the company supervisor/foreman or his representative reports to the Main Gate with the appropriate paperwork for badging.

2. Report lost badges immediately.

3. Upon termination of duties, each employee's badge will be collected and returned to the Main Gate by the Contractor. Final clearance of a Contractor upon completion of a contract will depend in part upon the accounting for all badges issued to employees during the performance of the contract. It should be recognized that security badges are Government property and any alteration or misuse of these badges may be prosecuted as a violation of Section 499, Title 18, U.S. Code.

II. NASA-OWNED PROPERTY

1. The term "NASA-Owned Property" refers to all controlled (tagged) and non-tagged equipment, library property, security badges, computer passwords and other property furnished by the Government during the course of the contract.

2. The Contractor shall ensure that all NASA-Owned property issued to its employees is returned and in satisfactory condition upon termination of an employee's duties. In cases where accountability for the property is transferred from one employee to another, the NASA Equipment Management System (NEMS) Control office of the Logistics Management

Division must be notified. At the completion of the Government contract, all property will be returned, and the contract value will be adjusted for any property not accounted for.

3. When access to Federal computer systems has been granted, the Contractor shall ensure that its employees comply with the clause of the contract entitled "SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION RESOURCES (NFS 1852.204-76)".

III. EMERGENCIES

1. The Contractor shall ensure that its employees are informed that Emergency, Fire, Medical, Safety, and Security assistance can be summoned by Dialing "911" on the Center's PABX telephone system. Emergencies are defined as incidents involving serious personal injury or damage that causes a possible hazardous condition, or any incidents that require immediate attention of the Plant Protection Department or Security. All other medical treatment is the responsibility of the Contractor.

2. For incidents not classified as an emergency, contractor personnel shall be instructed to immediately notify the Contracting Officer's Technical Representative (COTR) (rather than dialing "911") in the event of an accident involving either personal injury or damage to property whether public or private, including damage to motor vehicles. They shall cooperate fully with the Government Accident Investigator and the Center Accident Investigation Board. This cooperation shall include interviews at the accident site and/or at a Board meeting.

3. The Chairman of the appropriate Accident Investigation Board will notify the Contractor through the COTR as to the date and time and location of the Board meeting. The Board meetings will be held between the hours of 8:15 a.m. and 4:45 p.m. regular work days Monday through Friday.

4. For Contractor duties where continuous manning of posts is mandatory during a work shift, the Contractor shall provide substitute personnel as required for manning these posts during the meeting of the Accident Investigation Boards.

IV. TRAFFIC

1. The Contractor agrees to comply, and agrees to require that all of its personnel will comply with all posted traffic signs, signals and instructions of personnel assigned for traffic control and parking purposes and with the provisions of NPD 1600.2 and NHB 1620.1 incorporated herein by reference and made a part hereof.

2. The Government reserves the right to bar from the Glenn Research Center any Contractor employee who has failed to comply with such signs, signals, instructions and the provisions of NPD 1600.2 and NHB 1620.1. The period of the bar shall be as determined appropriate by the Contracting Officer subject to the provisions of NPD 1600.2 and NHB 1620.1. The Contracting Officer will notify the Contractor in writing, setting forth the name(s) of the affected employee(s) and the time period(s) of the bar(s). No action by the Government in barring any Contractor employee from the Glenn Research Center shall be the basis for any claim whatever by the Contractor under this contract, nor shall it excuse the Contractor from complying with any provision of this contract.

V. ON-SITE STANDARDS OF CONDUCT

1. The Contractor's entry onto the Center shall be pursuant to fulfilling its contractual obligations, and any related activities thereto. Contractor personnel gaining access to Glenn facilities are required to certify that they meet the minimum ethical standards for entry onto a Government facility. Falsification of this certification could lead to criminal prosecution.

2. The Contractor agrees to comply, and agrees to require that all of its personnel will comply with all applicable Federal and State statutes and regulations, NASA policy and guidance documents, Glenn policy and guidance documents, and other regulations pertaining to personal conduct while on-site. Any conduct prejudicial to the efficient operation of the Center shall be cause for removal from the Center.

VI. PROHIBITION OF FIREARMS

Firearms or weapons of any kind are strictly prohibited at the Glenn Research Center.

VII. SECURITY INCIDENTS

Theft of Property, Bomb threats, malicious damage and any other threat or violent situations shall be immediately reported to the Security Office.

VIII. PROPERTY PASSES

A Contractor Property Pass (NASA Form C-702) is required for the removal of all Contractor owned property and equipment and must be presented to the gate guard upon exit. This form can be obtained from the COTR (or designee) or the Glenn employee responsible for the Contractor's presence at the Center. This form must contain a complete description of the material/equipment being removed and should be signed by the authorized Government employee. Material relating to a specific contract or purchase order must be identified by insertion of the appropriate contract/purchase order number on the pass by the COTR or designee.

IX. AFTER-HOUR ACCESS

During normal working hours, 7:00 a.m. to 5:30 p.m. Monday through Friday, the guards at the gates will permit your entrance and departure. At any other time (other than normal hours), advance clearance is required, and may be obtained through the Glenn/Plum Brook COTR or Inspector who will then make the request to the Main Gate Sergeant PABX 3-2204 at Glenn and 3-3221 at Plum Brook. After-hour clearances as approved by the COTR Inspector are certification to the guards as authority for admittance of a contractor during off hours, including Saturdays, Sundays, and Holidays.

X. CONTRACTOR IDENTIFICATION

To avoid situations whereby the actions of onsite contractor employees can be construed as that of Government officials, the onsite contractor shall take the following actions:

- (1) Insure that employees properly display their badge at all times.
- (2) Institute a policy whereby employees who, in their normal course of duties, answer telephone inquiries, participate in meetings with Government and other contractor personnel or deal with the general public appropriately identify themselves so their actions cannot be construed as that of Government officials.
- (3) Institute a policy whereby business correspondence, including emails and memoranda, includes the name of the company in the signature line. Use company letterhead for internal company matters and letters/memos signed by company personnel.
- (4) For onsite office space primarily occupied by company personnel, clearly indicate on the exterior of the office space the company name.

10. DETERMINATIONS OF WAGE REASONABLENESS DURING CONTRACT PERFORMANCE AND PRIOR TO EXERCISE OF OPTIONS (GRC 52.215-112) (SEP 2001)

- (a) The contractor must notify the Contracting Officer (CO) at any time during the performance of this contract when a general wage increase is contemplated for any groups of their employees.
- (b) Prior to any preliminary notice of the Government's intent to exercise an option, the CO will request that the Contractor provide either: (1) A comparison of the anticipated wages for the option period against the recent versions of the surveys used to prepare the original proposal and an explanation of any anticipated wages in excess of those expected during the negotiation of the original contract, or (2) A signed statement that all wages planned to be paid during the option period will be no greater than those required by the applicable Wage Determination(s).

11. REPORTS OF WORK

The following clause describes those types of plans/reports required under this Task Order Agreement.

A. FOB POINT FOR ALL REPORTS

All reports shall be delivered FOB Destination to the recipients of those reports. The Contractor is solely responsible for assuring that delivery is made to every specific recipient named (that is, the Contractor shall not ship multiple copies to one recipient with the expectation that those reports will then be distributed to other named recipients).

B. SMALL BUSINESS REPORTS

If this contract includes FAR clause 52.219-9, quarterly and annual Small Business Subcontracting Reports (SF294 and SF295) are required.

C. WRITTEN REPORTS shall be brief, factual and informal. They shall be prepared as set forth below:

(a) A cover page containing:

(1) Contract number and title.

(2) The type of report ("Monthly Technical Progress Report", "Task Report", "Quarterly Narrative Report", etc.), sequence number of the report (when applicable), and the period/unit being reported.

(3) Contractor's name, address, and organizational segment generating the report.

(4) Signature of Contractor's cognizant Project Manager (or, if submitted electronically, an unambiguous indicator that the Project Manager has generated/reviewed the report)

(5) Date of issuance.

(6) Inclusion of the following statement: "Prepared for NASA Glenn Research Center, Cleveland, OH 44135."

(b) Section I – Technical Progress Summary: A description of the work performed during the report period and the overall technical progress achieved. The current schedule status shall also be addressed in this summary.

(c) Section II – Current Problem(s): A description of any current problem(s) which may impede technical, schedule and/or cost performance, along with proposed corrective action(s). Include an explanation of how the problems could affect the cost and schedule of the reporting categories in the financial and scheduler reports if applicable, as well as the effects at the total contract level.

(d) Section III – Risk Management: Include a list of Significant Open Risks and associated Mitigation Plans. Significant Open Risks are those that have the potential to affect major development milestones & goals, such as a delivery delay, a design-freeze date, a cost ceiling, a safety or health concern, environmental impacts, a technical trade-off decision, etc. Further guidance, if needed, is available from the GRC Risk Management reference documents (listed below), which are available at the following web-sites:

(1) NPG 7120.5A – "Program and Project Management Processes and Requirements", Chapter 4 – "Program/Project Management Systems Requirements" http://nodis3.gsfc.nasa.gov/library/lib_docs.cfm?range=7 (note: the FOUR "blank" spaces in the above address are actually "underline" marks)

(2) GRC-P2.9 – "Risk Management" <http://nasalivelink.grc.nasa.gov/livelink/livelink?func=ll&objId=241550&objAction=browsebmsfolder&sort=documentnumber>

(e) Section IV – Work Planned: A description of the work to be performed during the next monthly reporting period.

(f) Section V – Analysis: Interpretation of the results obtained, recommendations of further action, and discussion of the relationships between work performed and the ultimate objectives of the contract. Applicable diagrams, sketches, graphs, photographs, and drawings should be included, if they assist in conveying the intended meaning of this Section. The COTR may waive this Section IV requirement on a month-by-month basis.

(3) Report Period, Dates and Submission

(a) Periodic Reports (Weekly, Monthly, Quarterly, etc.)

(1) The report shall reflect a period of performance comparable/traceable to the Contractor's accounting period (such as, an accounting month), from the beginning date to the cutoff (closing) date. NOTE: The initial reporting period depends on the date of contract award and may be less or more than a full Contractor's accounting period. When the date of contract award is before the middle of the Contractor's accounting period, the initial reporting period shall be from the date of award to the end of that same accounting period. When the date of contract award is on or after the middle of the Contractor's accounting period, the initial reporting period shall be from the date of award through the end of the following accounting period. Thereafter, each reporting period shall incorporate one complete Contractor's accounting period.

(2) The report shall reflect actual progress through the cutoff date. The following report of the same type will begin on the day after the previous period's cutoff date, so that the reporting periods are continuous and uninterrupted.

(3) Within ten (10) working days after the cutoff date, the Contractor shall submit the report electronically to the addresses indicated in clause GRC 52.227-104 of this contract, entitled "Document Distribution Requirements".

12. FINANCIAL MANAGEMENT REPORTS

(1) The Contractor shall submit the following financial reports pursuant to clause NFS 1852.242-73, "NASA Contractor Financial Management Reporting":

(a) NASA Form 533M (Monthly Contractor Financial Management Report)

Upon written request, the Contracting Officer may authorize an alternative format that provides substantially the same level of detail as the required Form 533(s), but is more compatible with the Contractor's standard accounting/reporting format.

(3) The Reporting Categories of the Financial Reports are:

i. Direct Labor Categories/Rates/Hours

ii. Other Indirect Dollars

iii. Materials/Supplies Dollars

iv. Other Direct Cost Dollars

v. Other profit/fee

(4) Within ten (10) working days after the cutoff date, the Financial Report(s) shall be submitted in the number of copies and to the addresses indicated in the "Document Distribution Requirements".

(5) Preparation

The required report(s) shall be prepared in accordance with the instructions contained in the aforementioned clause, NPG 9501.2 (NASA Contractor Financial Management Reporting) and on the reverse of the forms. The Internet address for NPG 9501.2 is <http://www.hq.nasa.gov/office/codeb/npg95012.htm>.

(6) Report Periods, Dates and Submission

(a) The cutoff date to be used for all 533 reports is the closing date of the Contractor's accounting month that has just been completed.

(b) The first 533M report shall be submitted within thirty (30) calendar days after incurrence of cost and, as with all subsequent 533M reports, is due not later than the tenth working day of the month after the close of the Contractor's accounting month. The regular 533Q report (which is a PLANNING report) shall be submitted not later than the tenth (10th) working day of the month preceding the quarter being reported.

(c) The 533 report(s) shall be submitted electronically and in hardcopy format as indicated in clause GRC 52.227-104 of this contract, entitled "Document Distribution Requirements".

(7) IF the value of this contract (including options, whether exercised or unexercised) EXCEEDS \$1 MILLION, and the Contractor is submitting Financial Reports that provide both actual expenditures from past months and estimated expenditures for current/future months, THEN the Contractor shall provide a short explanation (approximately one sentence) of any variance WHICH EXCEEDS 5%, between a previous estimated month-specific expenditure and the actual expenditure experienced. [Example: The March 533M states that Actuals for March were \$80K and Planned expenditures for April are \$100K. The April 533M states that Actuals for April were \$92K, which is a variance of 8% (from the "March Planned" number of \$100K). A short explanation - "widget prices were unusually low" - is required.]

(8) IF THIS IS A TASK ORDER CONTRACT, the Contractor is required to submit one set of monthly Financial Reports that summarize the entire contract at the Task Order Level (total hours/dollars per Task Order), and to submit a second set of monthly Financial Reports that address the individual reporting categories identified in item (2) of this Section H, above, for each active Task Order.

I. ELECTRONIC SUBMISSIONS.

The government encourages electronic submittal of all reports, except that at least one copy of each financial report must be a signed hardcopy. The signed hardcopy may be received no later than 20 working days after the close of the report period, so long as the electronic copy was provided within 10 working days after the close of the report period. (If the Contractor submits its financial report with an electronic signature, a signed hardcopy is not required.) All other reports, unless elsewhere noted, may be submitted by e-mail, or via the Internet, or by some other electronic method, in lieu of a hardcopy. Dedicated Web-Sites, accessible via password and updated by the Contractor, are acceptable reporting tools for Technical Progress Narratives (See Section B, above) and the Draft Final Report, if compatible with the current NASA Glenn Research Center hardware/software and authorized by the COTR. CD/disc submittals are acceptable reporting tools for Technical Progress Narratives (See Section B, above) and the Draft Final Report, if compatible with the current NASA Glenn Research Center hardware/software and authorized by the COTR.

13. OBSERVANCE OF LEGAL HOLIDAYS (NFS 1852.242-72) (AUG 1992) (ALTERNATE II) (OCT 2000)

(a) The on-site Government personnel observe the following holidays: New Year's Day, Labor Day, Martin Luther King Jr.'s Birthday, Columbus Day, President's Day, Veterans Day, Memorial Day, Thanksgiving Day, Independence Day, and Christmas Day

Any other day designated by Federal statute, Executive order, or the President's proclamation.

(b) When any holiday falls on a Saturday, the preceding Friday is observed. When any holiday falls on a Sunday, the following Monday is observed. Observance of such days by Government personnel shall not by itself be cause for an additional period of performance or entitlement of compensation except as set forth within the contract.

(c) When the NASA installation grants administrative leave to its Government employees (e.g., as a result of inclement weather, potentially hazardous conditions, or other special circumstances), Contractor personnel working on-site should also be dismissed. However, the contractor shall provide sufficient on-site personnel to perform round-the-clock requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative.

(d) Whenever administrative leave is granted to Contractor personnel pursuant to paragraph (c) of this clause, it shall be without loss to the Contractor. The cost of salaries and wages to the Contractor for the period of any such excused absence shall be a reimbursable item of cost under this contract for employees in accordance with the Contractor's established accounting policy.

14. APPROVAL OF RELEASE OF TECHNICAL INFORMATION

The public release of any unclassified technical data first produced in the performance of this contract must be approved in advance by the NASA Project Manager/COTR. An advance copy of any abstract, paper, or presentation must be forwarded to the NASA Project Manager/COTR at least six (6) weeks before its proposed release. No public presentation or publication of this information may be made without the specific written approval of the NASA Project Manager/COTR. Any questions concerning classified data should be directed to the Glenn Security Classification Officer, with notification to the COTR and the Contracting Officer. The Final Report shall not be released outside NASA until the NASA DAA review has been completed (See Section K, Final Report, above) and the availability of the document has been determined. The Final Report is considered available when it is accessible through CASI (See Clause NFS 1852.235-70).

15. DOCUMENT DISTRIBUTION REQUIREMENTS (GRC 52.227-104)(JAN 2002)

(a) Reports and other documentation shall be submitted prepaid to the recipients specified below, addressed as follows:

National Aeronautics and Space Administration
Glenn Research Center
ATTN: _____, Mail Stop _____ [AS SPECIFIED BELOW]
Contract NAS 3- _____
Brookpark, OH 44135

(b) The following list designates the recipients of reports and other documentation which are required to be delivered to the Glenn Research Center by the Contractor.

NASA Contracting Officer (CO)

MS 500-312

Small Business Officer (SBO),
 Technology Utilization Office (TU)
 Office of Safety and Assurance Technology (OSAT)
 Financial Management Division (FMD)
 NASA Contracting Officer's Technical Representative (COTR)
 Center for Aerospace Information (CASI)

MS 500-303
 MS 7-3
 MS 501-4
 MS 500-303
 MS 142-1
 Parkway Center
 7121 Standard Drive
 Hanover, MD 21076-1320

[Distribution to CASI is limited to contracts that contain Clause 1852.235-70]

(c) The following table indicates the type and number of reports and other documentation to be submitted to each recipient.

	CO	SBO	TU	OSAT	FMD	COT R	CASI
Work Plan				1		1	
Product Assurance Plan	1			1		1	
New Technology Reports	1		1			1	
Small Business Reports	1	1					
Costing Run-out Reports	1				1	1	
Technical Progress Reports	1					1	
Task Order Summary Narrative	1					1	
Financial Management (533) Reports	1			1	1	1	
Any Other Reports or Requests Requiring Contractor's Signature	1					1	
Draft Final Report						1	
Final Report	1		1			4	1

16. SUBMISSION OF VOUCHERS OR INVOICES FOR PAYMENT - TASK ORDER CONTRACT (GRC 52.232-106) (APR 1998)

(a) All vouchers or invoices submitted for payment shall include a reference to the number of this contract.

(b) All vouchers or invoices submitted for payment SHALL IDENTIFY ALL COST FOR EACH TASK ORDER AS A SEPARATE ITEM.

(c) Invoices for Fixed-Price Task Orders (as applicable). The original invoice and three copies shall be submitted to:

NASA Glenn Research Center
 Commercial Accounts
 Mail Stop 500-303
 21000 Brookpark Road
 Cleveland, OH 44135

This is the designated billing office for fixed-price invoices for purposes of the Prompt Payment clause of this contract.

(d) Vouchers for Time & Materials, Labor-Hour, or Cost Reimbursement Task Orders (as applicable). The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is indicated in paragraph (d)(1) or (d)(2) below, whichever is applicable.

(e) If the contractor is authorized to submit interim cost vouchers directly to the NASA paying office, they shall be prepared in accordance with paragraph (d)(2) below and submitted to:

NASA Glenn Research Center
Commercial Accounts
Mail Stop 500-303
21000 Brookpark Road
Cleveland, OH 44135

(i) For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.

(ii) Copies of vouchers should be submitted as follows:

Copy 1 - NASA Contracting Officer

Copy 2 - DCAA Auditor

Copy 3 - Contractor

Copy 4 - Contract Administration Office, if delegated

Copy 5 - GRC Project Manager

(f) If the contractor is not authorized to submit interim cost vouchers directly to the paying office as described in paragraph (b), the contractor shall prepare and submit vouchers as follows:

(i) One original Standard Form (SF) 1034, SF 1035 or equivalent Contractor's attachment to the cognizant DCAA office.

(ii) Five copies of SF 1034, SF 1035A or equivalent Contractor's attachment to the following offices by insertion in the memorandum block of their names and addresses:

Copy 1 - NASA Contracting Officer

Copy 2 - DCAA Auditor

Copy 3 - Contractor

Copy 4 - Contract Administration Office, if delegated

Copy 5 - GRC Project Manager

(iii) The Contracting Officer may designate other recipients as required.

(g) Vouchers for payment of fee shall be prepared similarly to the procedure in paragraph (d)(2) of this clause and be forwarded to:

NASA Glenn Lewis Research Center
Commercial Accounts
Mail Stop 500-303
21000 Brookpark Road
Cleveland, OH 44135

This is the designated billing office for fee vouchers for purposes of the Prompt Payment clause of this contract.

In the event that amounts are withheld from payment in accordance with provisions of this contract, a separate voucher or invoice for the amount withheld will be required before payment for that amount may be made.

17. CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) - TASK ORDER CONTRACTS (GRC 52.242-93) (AUG 2002)

(a) A Contracting Officer's Technical Representative (COTR) will be delegated under this contract pursuant to the clause at NFS 1852.242-70 entitled "Technical Direction". The contractor will receive a copy of this delegation at the time of award of any contract or shortly thereafter. This delegation will take place on a NASA Form 1634 and will list not only the COTR delegated, but also his/her duties and responsibilities. Throughout this solicitation/contract there may be references made to a variety of different titles, including "NASA Project Manager", "NASA Technical Monitor", and "NASA Contract Monitor"; unless specifically stated otherwise, these refer to the COTR.

(b) A Task Manager other than the COTR may be assigned on any task order issued under this contract. Any such task manager has overall responsibility for the technical effort under the task order. Task Managers are not, however, authorized to make technical directions or perform any other duties or responsibilities as may be delegated to the COTR, or retained by the Contracting Officer.

18. DELIVERY ORDER/TASK ORDERING PROCEDURE (NASA FAR SUPPLEMENT 1852-216-80)(OCT 1996)

a. Only the Contracting Officer may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of delivery/task orders and delivery/task order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

b. Prior to issuing a task order, the Contracting Officer shall provide the Contractor with the following data:

(1) A functional description of the work identifying the objectives or results desired from the contemplated task order.

(2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.

(3) A request for a task plan from the Contractor to include the technical approach, period of performance, appropriate cost information, and any other information required to determine the reasonableness of the Contractor's proposal.

c. Within (as stated on individual orders) calendar days after receipt of the Contracting Officer's request, the Contractor shall submit a task plan conforming to the request.

d. After review and any necessary discussions, the Contracting Officer may issue a task order to the Contractor containing, as a minimum, the following:

(1) Date of the order.

(2) Contract number and order number.

(3) Functional description of the work identifying the objectives or results desired from the task order, including special instructions or other information necessary for performance of the task.

(4) Performance standards, and where appropriate, quality assurance standards.

(5) Maximum dollar amount authorized (cost and fee or price). This includes allocation of award fee among award fee periods, if applicable.

(6) Any other resources (travel, materials, equipment, facilities, etc.) authorized.

(7) Delivery/performance schedule including start and end dates.

(8) If contract funding is by individual task order, accounting and appropriation data.

e. The Contractor shall provide acknowledgment of receipt to the Contracting Officer within five calendar days after receipt of the task order.

f. If time constraints do not permit issuance of a fully defined task order in accordance with the procedures described in paragraphs (a) through (d), a task order which includes a ceiling price may be issued.

g. The Contracting Officer may amend tasks in the same manner in which they were issued.

h. In the event of a conflict between the requirements of the task order and the Contractor's approved task plan, the task order shall prevail.

19. SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FAR 52.252-1) (JUN 1988)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Also, the full text of a clause may be accessed electronically at this/these address:

<http://www.arnet.gov/far/>
<http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

- I. THE OFFEROR'S
- II. THE GOVERNMENT INCORPORATES THE FOLLOWING FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) WHICH ARE NOT INCORPORATED IN I.

CLAUSE NUMBER	DATE	TITLE
52.204-3	OCT 1998	TAXPAYER IDENTIFICATION
52.217-8	Nov 1999	OPTION TO EXTEND SERVICES
52.217-9	MAR 2000	OPTION TO EXTEND THE TERM OF THE CONTRACT
52.222-44	MAY 1989	FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT-PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTIONS CONTRACTS)
52.232-9	APR 1984	LIMITATION ON WITHHOLDING OF PAYMENTS
52.232-33	May 1999	PAYMENT BY ELECTRONIC FUNDS TRANSFER
52.244-2	OCT 1998	SUBCONTRACTS (FIXED-PRICE CONTRACTS
52.244-5	DEC 1996	COMPETITION IN SUBCONTRACTING

III. NASA/FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.204-74	OCT 2001	CENTRAL CONTRACTOR REGISTRATION
1852.204-76	JUL 2001	SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES
1852.204-70	DEC 1988	LIMITATION OFFUTURE CONTRACTING
18-52.209-72	DEC 1988	COMPOSITION OF THE CONTRACTOR
1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.223-70	MAY 2001	SAFETY AND HEALTH
1852.223-73	May 2001	SAFETY AND HEALTH PLAN
1852.223-75	MAY 2001	MAJOR BREACH OF SAFETY OR SECURITY
1852.223-74	MAR 1996	DRUG- AND ALCOHOL-FREE WORKFORCE
18-52.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
18-52.242-70	SEPT 93	TECHNICAL DIRECTION
1852.243-71	MAR 1997	SHARED SAVINGS
1852.242-73	JUL 2000	NASA Contractor Financial Management Reporting

ENCLOSURE C

Statement of Work

For

Professional, Administrative, Computational, and Engineering Services II
(PACE II)

1.0 PURPOSE

This Statement of Work defines the requirements for performance-based technical tasks to assist the NASA Glenn Research Center (GRC) in meeting the objectives of its research, development, and administrative activities. These requirements include, but are not limited to, technical tasks in the areas of computer science, computer and software engineering, and related science and technology.

2.0 SCOPE

The Contractor shall perform Information Technology (IT) engineering, scientific, technical, administrative, and related tasks issued hereunder by the Contracting Officer (CO), or the CO's authorized representative. These activities fall into broad categories as outlined below in 2.1 - 2.6, but need not be limited to the activities noted. Individual task order requirements may involve any or all categories of activities.

In addition, within the scope of this Statement of Work, these performance-based tasks will require either:

- a) Application of the specialized skills of a single individual;
- b) A well-defined, multi-disciplined effort;
- c) Or a well-defined, multi-disciplined effort with tasks that require close integration with tasks performed by NASA personnel to comprehensively address all facets of a complex research or technical program.

For each task the Contractor will also be responsible for estimating costs, establishing budgets, developing a major milestone schedule, monitoring actual progress against plan, identifying problems, and taking appropriate corrective action. These responsibilities are in addition to the actual execution of the technical requirements. (Scope of Contract - Task order Contract - GRC52.216-98)(SEP 1992)

Tasks will encompass the broad scope of mission responsibilities at the GRC, and include: research and technology, software engineering design and development, computer engineering design and development, operations, security, and administration/management.

2.1 Business Systems and Applications

Provide business solutions for administrative functions including NASA-wide and local applications. Provide software engineering, database management, data entry, production control, and secure access support. Provide full life cycle support for GRC-specific applications including easy-to-use query tools for access to functional data. Maintain interfaces (including critical required changes) with NASA-wide applications, and design and implement bridges to local applications.

2.2 Computational Scientific Services

Maintain facilities and testbeds for exploring, developing, and utilizing advanced technologies including cutting edge network and computing systems. Provide unique hardware integration and specific system administration utilizing specialized programming techniques. Provide testbed and program development support in coordination with the milestones of the Computing, Information, and Communications Technologies Program (CICT).

Provide support for the development of scientific and engineering applications. Included in this support are activities such as the development scientific visualization tools and techniques; maintenance of a state-of-the-art visualization and multimedia lab; development system analysis software for aeronautic propulsion systems; development of computational methods for model simulation and data analysis; development of large-scale software packages in support of scientific and engineering missions; modernization of existing, critical software applications; adaptation of advanced technologies to enhance educational methods and to provide education and public awareness in aeronautics and space science; and attendance and participation in technical conferences and trade shows.

2.3 Advanced Networking Systems and Technologies Development Support

Provide communications and networking technology development, engineering, design, and integration services in support of NASA GRC's operational and research-oriented networking programs and test facilities. Provide advanced network security support including operating and maintaining a robust firewall environment, monitoring firewall traffic, responding to threats and working with customers to meet changing requirements.

Assist NASA in providing secure, next generation networks (LAN's and WAN's) capable of supporting high performance applications and collaborative computing initiatives in support of GRC's key role in fostering the development of new satellite, wireless, and hybrid communications technologies on behalf of both NASA and U. S. industry.

Assist NASA in providing IT security programmatic support to Center organizations including assessment of threats, vulnerabilities and risks, and assisting management in finding cost-effective solutions to mitigate unacceptable risk.

2.4 Facility Support

Provide data acquisition, transfer, and output services using dedicated steady-state, real-time data acquisition and display systems for 50 plus open, limited access, or classified experimental test facilities at Glenn or Plumbrook Station. Provide hardware/software installation and removal, preventative maintenance and calibration, remedial maintenance, hardware configuration management, operations, software configuration management, data backups and recovery, software maintenance, engineering revision maintenance, specialized system administration, and specialized application development. Coordinate professional and technician groups supporting testing operations.

Procure and track software and hardware and/or software and hardware maintenance agreements or licenses for a variety of computer platforms as required.

Provide on-site operations and maintenance support for remote business (data) systems.

Provide operations and maintenance support for the video conferencing facilities.

2.5 Emerging Technology Application

Perform analysis functions and reporting directly aligned with the Glenn Chief Information Officer (CIO) and the corresponding "One NASA" initiatives for which GRC has responsibilities related to Information Technology (IT). Analysis and reporting examples include: IT investment planning; cost analysis; Enterprise architecture formulation; standards suitability evaluation; benchmarking; and life cycle analysis. Perform market research and testing of emerging technology. Develop technical assessments for insertion of emerging technology into the NASA IT architecture. Support pathfinding activities such as prototyping, proof of concept, and limited production environments.

Provide a walk-in IT reference center with resource materials and online search services appropriate to the Glenn Information Services Division (ISD) activities, products, and services. Provide full range of documentation support for scientific and engineering requirements as well as for business requirements.

Provide system administration support for a core suite of Knowledge Management and centralized web software products. Perform internal marketing and requirements analysis for deployment and implementation of core Knowledge Management products supported and investigated by ISD/NASA. Provide information to NASA Center and Agency workgroups using the Knowledge Management and centralized web products to enhance efficient use of the products.

Provide system administration and customer support for a core suite of team and enterprise Collaboration software products. Perform requirements analysis for deployment and implementation of core Collaboration software products supported and investigated by ISD/NASA. Provide information and/or specialized Glenn training to Center and Agency workgroups using the Collaboration software to enhance efficient use of the products.

Provide system administration and customer support for a core suite of desktop and enterprise Project Management decision support applications/products. Perform internal marketing and requirements gathering and analysis for deployment and implementation of core Project Management products supported and investigated by ISD/NASA. Provide information and reports to NASA Center and Agency workgroups using the Project Management products to enhance efficient use of the products.

2.6 Administrative/Management

The following requirements apply in total or in part to sections 2.1 through 2.5.

Plan projects including requirements estimates, schedules, and progress evaluations. Develop and maintain record keeping systems, documentation, and schedules. Conduct or participate in workshops, symposiums, and conferences. Prepare management information reports. Prepare technical presentation material. Edit reports and documentation for publication.

3.0 Specific Work Requirements

The work shall be accomplished at GRC. In case of growth, some work may need to be performed offsite. Travel to other locations may be required. Task orders will provide the availability of Government facilities, laboratories, equipment, and support services.

All work performed under this contract shall be in accordance with established and applicable GRC documents and GRC ISO procedures for requirements, standards, specifications, and instructions such as environmental impact statements, safety, reliability, quality assurance, security, and engineering standards.

Listed below are typical work areas to be performed under this contract. The list is not all-inclusive and the Government reserves the right to require the performance of work considered within 2.0 "Scope". The Government will issue specific task orders following selection. It should be recognized that the Government reserves the right to issue tasks for any or all of the scope of work indicated in this statement of work. There is no guarantee that specific tasks will be written for all elements listed below.

The following work requirements are not listed in priority order and no significance should be implied by their relative position in this document. Some requirements are more easily explained or documented in a brief format and others have been described more fully. No assumptions regarding the size or importance of the effort should be made based on these work requirements. Section 5E Cost analysis and Discounts of the RFQ provides a better indication of the size of the potential effort.

3.1 Business Systems and Applications

3.1.1 Provide Database Administrative Services for existing and future Glenn Mainframe and Client/Server business application databases during all phases of the software development life cycle.

3.1.2 Provide problem diagnosis, repair, fixes, preventive maintenance services, upgrades, planning, documentation, and overall support for development, test, and production environments.

3.1.3. Provide Software Development Life Cycle support for Business Applications including requirements analysis, creation/modification of data models, establishment of data and database structures, table development/modification, and security.

3.1.4 Provide installation, support, and maintenance of Business Application software development tools to provide a standardized application development suite to the development team. Provide tools to support the mainframe, client/server, web, and web/database environments as well as software configuration management capabilities.

3.1.5 Monitor NASA ADP Consolidation Center (NACC) network, high-speed laser printers, microfiche printer, high-speed Xerox printer. Prepare and distribute reports from printers; and maintain high-speed laser printers and supplies for those printers.

3.1.6 Provide general Multiple Virtual Storage (MVS) System support by complementing the primary support staff of the NACC in conformance with GRC-NACC Memorandum of Understanding (MOU). Provide a Primary Point of Contact (POC) for the MOU, disaster recovery support, upgrade and outage planning, support of software installation and maintenance for Glenn unique software or other software required in the Glenn Logical Partition (LPAR), and MVS problem resolution. Support the local Configuration Control meetings and other meetings concerning the Glenn LPAR.

3.1.7 Provide MVS Customer Information Control System (CICS) support to the Glenn LPAR as defined in the MOU to include problem resolution, assisting in software upgrades, and performance monitoring.

3.1.8 Provide MVS Security Services including maintenance of security structures, maintenance and management of security software such as Resource Access Control Facility (RACF), serve as the Glenn MVS security software contact for external audits, security system compliance, establishment and maintenance of the security database, as well as MVS systems records analysis for security violations.

3.1.9 Provide Production Control and Data Entry Support services during prime shift and certain peak business data processing cycles. Services include but are not limited to maintenance of mainframe job control language for scheduled job submission, support to all production applications slated for client/Server migration, and other NASA-wide Sustaining Engineering Support for Agency-wide Administrative Systems (SESAAS) software support requirements.

3.1.10 Provide software application support for NASA-wide SESASS applications. Provide support and maintenance of business applications during normal hours, during critical deadline processing; for migration of selected applications to Client/Server environment or replacement by the Integrated Financial Management Program (IFMP); changes mandated by governmental regulatory requirements or other scheduled releases/upgrades. Maintain existing mainframe applications in their existing environment.

3.1.11 Maintain existing Client/Server applications in their existing environment. Modify existing Client/Server applications to accomplish customer driven requirements documentation and schedules in the areas such as Financial, Procurement, Human Resources, Security, Safety, Aeronautics, Environmental, Logistics, and Telecommunications.

3.1.12 Maintain existing PC database applications as described in customer requirements documentation and schedules in the areas such as Financial, Procurement, Human Resources, Security, Safety, Aeronautics, Environmental, Logistics and Telecommunications.

3.1.13 Maintain existing web/database applications as described in customer requirement documentation and schedules in the areas such as Financial, Procurement, Human Resources, Security, Safety, Aeronautics, Environmental, Logistics, and Telecommunications.

3.1.14 Provide support for the transition, integration, and maintenance to the NASA-wide IFMP to include but not limited to: data analysis, data mapping, approved interfaces, data conversion, and documentation.

3.1.15 Develop data extract to support IFMP integration.

3.2 Computational Scientific Services

3.2.1 Perform specialized system maintenance duties in the High Performance Computing (HPC) environment that is designed as a supercomputing alternative to assist the Center's programs in meeting their objectives and milestones. The HPC area is divided into two distinct, production and testbed, computing environments.

3.2.2 Perform backups, user support, monitor system utilization and ensure that all the systems software and applications are functioning properly. Perform the installation, testing, and maintenance of platform specific software on both the production systems as well as the testbed systems. Provide these services for operating systems, compilers, parallel software tools, and software tools designed for the specific purpose of system integration across production and testbed systems alike.

3.2.3 Monitor all production and testbed systems for optimal performance. Tune systems accordingly to achieve necessary gains in processor utilization and disk and network I/O.

3.2.4 Provide accounting and metrics configuration, collection, and reporting for all of the HPC systems.

3.2.5 Provide the installation, testing, user support, and maintenance of job scheduling and computational grid tools on all the HPC systems.

3.2.6 Provide the installation, testing, user support and maintenance of the parallel application software and tools on all the HPC systems.

3.2.7 Provide high-end network connectivity which will generate the I/O throughput that is required for parallel and large code development on HPC systems. Emphasis on throughput shall be placed on the testbed networks. Consideration to improved networked capabilities shall be given to the production systems once the network technology has been proven. Testing of the latest networking capabilities shall be limited to the testbed systems.

3.2.8 Provide system integration support between HPC productions systems and designated testbed systems. Maintain a common home directory layout, appropriate network interface configuration, yellow pages/NIS/NIS+ (Network Information Services) and NFS (Network File System) configuration and maintenance.

3.2.9 Provide user support in parallel code compiling and parallel application runtime support across all systems in the HPC environment

3.2.10 Resolve user problems and questions regarding the production systems, testbed systems, and job scheduling and computational grid tools. Address inquiries and additional requests for specialized reports regarding the accounting and metrics configurations on the production and testbed systems, as well as the appropriate clustered computing environments located across the lab.

3.2.11 Address generally defined HPC problems or functional requirements by developing alternative technically acceptable solutions, indicating potential policy and/or operational issues, preparing implementation plans, and preparing status/procedural reports on the work in progress on the defined task.

3.2.12 Maintain an external Web based information site for the high performance testbed systems. Include information on account reports, system configuration, user documentation, supported software, networking configuration, computational grid user guides and examples, and supported parallel tools including appropriate user guides and examples.

3.2.13 Maintain an external Web-based information site for the HPC production systems. Include information on system configuration, user documentation, supported software including job scheduling user guides and examples, networking configuration, and supported parallel tools including appropriate user guides and examples.

3.2.14 Provide user and administrative documentation for the production and testbed systems in the HPC environment. Document all procedures involved with the installation, testing, and deployment of hardware and software upgrades, hardware installation, accounting configuration, networking configuration, and parallel environment support for the production and testbed systems. Provide user and administrative documentation for the job scheduling and computational grid environment on all HPC systems.

3.2.15 Provide integration support for the Computing, Information, and Communications Technologies Program (CICT) testbeds into the Code R Phase II Metacenter environment (Silicon Graphics Inc. [SGI] Origin clustered workstations located at GRC, Ames Research Center [ARC], and Langley Research Center [LaRC]). Maintain a common home directory layout, appropriate high-end network interface configuration across Code R centers, yellow pages/NIS/NIS+ and NFS configuration and maintenance. Coordinate system software upgrades and parallel application support between the Code R systems.

3.2.16 For each Numerical Propulsion Simulation System (NPSS) version, develop requirement definition and translate these requirements by object oriented analysis and design to implementation of the code, concentrating on the infrastructure. Provide both unit and system code testing. Employ software development methodology that involves full computer engineering verification and validation procedures. Responsible for oversight of all of the NPSS Object Class infrastructure and implementation of the NPSS engineering language translator that is the primary interface for programming engine cycle simulations. The simulator engineering language has C-language syntax.

3.2.17 Develop Common Object Request Broker Architecture (CORBA) interfaces between the National Cycle Program (NCP) Object Oriented Classes (coded in C++) and the existing 2-D and 3-D engineering analysis codes (most of these 2-D and 3-D codes are in Fortran 77 and a few in Fortran 90). Provide both local and networked-distributed support through CORBA interfaces. Provide documentation and user support for these interfaces to allow for Industry Partners/Customers to routinely couple proprietary codes and data to distributed NPSS simulations. Develop special object modules for "Zooming" including algorithms for transforming information from 3D and 2D interfaces to 1D and vice-versa.

3.2.18 Develop NPSS simulation output interfaces, data management, and graphical presentations. Provide flexible selection capability, with default, programmed selected, and interactive interfaces. Provide Data management including JAVA Database Connectivity (JDBC), and Remote Method Invocation (RMI) (CORBA) interfaces to an Object Oriented Database System that supports relational and versioning.

3.2.19 Provide system administration for the NPSS systems: hardware, software, and networking. Provide administration required for the software development environment. This includes ClearCase for configuration management and ensures special security requirements to provide proprietary code and information protection.

3.2.20 Develop NCP airline flight simulations in support of the Data-Mining of airline flight recorded data. Support the infrastructure to process Quick Access Recorder Compact Disks (QAR CD) recorded by the airline flight recorders. Develop statistical analyses and neural network processing of airline flight data for comparison to NCP engine operation simulations. Develop trend analyses for engine health monitoring and prediction.

3.2.21 Provide technical writing contributions and editing expertise for all NPSS documentation, including, but not limited to, NPSS parent plans, project plans, software development documentation products, and user documentation. Maintain documentation in electronic form accessible on-line and in help files with hyper-linking.

3.2.22 Provide contributions to system, user, test, and programmer documentation for NPSS versions. This includes, but is not limited to, the following: requirements definition, verification and validation objectives, use cases, analysis, object models, interaction diagrams, design specifications, test plans and scripts, and self-documenting code.

3.2.23 Provide as the NASA GRC Learning Technologies Project (LTP) Educational Coordinator planning, implementation, coordination, and evaluation of training, Professional Development Workshops for teachers, and LTP products provided by the LTP. Provide interactive Internet accessible or videoconferencing workshops centered on aerodynamic demonstrations, problem sets, and activities for grades 8-12 that demonstrates experience in the educational community either by having teaching experience or having a basic understanding of the U. S. educational system.

3.2.24 Provide system administration support, optimize system configuration, and provide end user support to porting universal network information exchange (UNIX) based computer codes to the NT environment. Propose ways to improve/upgrade the cluster.

3.2.25 Provide workstation administration and support of workstations for the Computing, Information, and Communications Technologies Program (CICT).

3.2.26 Maintain and enhance walk-in facility for state-of-the-art scientific visualization multimedia productions, and virtual reality applications. Perform pre- and post-production video recording, editing, and effects for computer-based animation and visualization. Develop three-dimensional models for scientific animation, virtual reality, and enhanced web applications. Establish and maintain archive of facility productions. Develop and conduct demonstrations of facility capabilities in support of program advocacy, education and public awareness missions.

3.2.27 Develop tools and applications to meet specific scientific visualization requirements. Develop techniques to facilitate and enhance lab-wide use of scientific visualization software. Prepare reports and conduct seminars on scientific visualization.

3.2.28 Develop techniques and databases to apply virtual reality technology to scientific visualization, collaborative engineering, and mission simulation. Prepare reports and conduct seminars on virtual reality technology.

3.3.39 Coordinate and manage Division's participation in special customer outreach events. Coordinate design and construction of demonstrations and exhibits. Oversee logistical requirements for off-site events including site registration, equipment transportation, and event promotion. Outreach activities can also include: web services, video conferencing, e-business, and simulation labs.

3.3 Advanced Networking Systems and Technologies Development Support

3.3.1 Insert advanced space communications technology into NASA missions through the engineering of advanced space-based communication architectures and corresponding system verification experiments and demonstrations. Perform corresponding engineering, test, integration, and validation activities which may include communication architecture concept and component feasibility analyses; antenna design and tracking schemes, technology, and performance testing; safety related analyses and tests, component and system hardware and software design; and flight payload integration and test activities.

3.3.2 Perform Internet Protocol Research and Development over satellite and other wireless links using GRC developed testbeds and emulation environments. The work shall include protocols and experiment design, execution, analysis, and reporting. This will include participation in the Internet Engineering Task Force (IETF) and other standards making bodies where appropriate.

3.3.3 Reliable Multicast Over Satellite Communications Link Technology Assessment and Development. Provide support in the development of reliable multicast technology using satellite communications analysis, evaluation, and testing. This research and developmental effort is directed toward new and existing geosynchronous and low earth orbit satellite systems utilizing reliable multicasting hardware and software applications and technologies. Potential areas that will require this additional support are:

3.3.3.1 Support the verification and "proof of concept" of multicast distribution in a hybrid context to shorten and flatten the multicast distribution tree and avoid long sets of network routers.

3.3.3.2 Acquisition, analysis, and reporting of data gathered during the experimental phase of the multicast traffic distribution utilizing reliable multicast technology applications over satellite communications links.

3.3.3.3 Operation of UNIX systems, including the use of the C/C++ programming language, and popular UNIX scripting languages. Knowledge of application and transport network levels, and satellite systems beneficial.

3.3.4 Common Air Interface Specifications. The task is to participate in the Telecommunications Industry Association (TIA) and other standard bodies' specification process for the purpose of furthering NASA's interests in the development of Common Air Interface specifications. Associated activities include but are not limited to the:

3.3.4.1 Development and submission of proposals, contributions, or e-mails addressing issues that arise in the development of Common Air Interface Specifications, attendance of relevant meetings, and advocacy of positions supporting NASA's operations.

3.3.5 IP and ATM (Asynchronous Transfer Mode) Interworking of Differentiated Services. The task is to participate in the IETF and ATM Forum Request for Comments (RFC) and specification process for the purpose of furthering NASA's interests in the development of IETF DiffServ RFC's and ATM Forum specifications that address the efficient and effective transport of these IP services. This is including but not limited to the:

3.3.5.1 Development and submission of proposals, contributions, or e-mails that address issues that arise in the development of DiffServ RFCs or ATM Forum Specifications, attendance of relevant meetings, and advocacy of positions supporting NASA's operations.

3.3.6 Participate in the technical evaluation of advanced and emerging networking technologies, industry trends, and agency program requirements, and provide recommendations to engineers for possible use at GRC. Investigate, analyze, and make recommendations to incorporate advanced technologies that are compliant with emerging industry/government standards and requirements in accordance with GRC plans and policies, into existing network infrastructure. This may require applied research activities in collaboration with GRC research staff.

3.3.7 Provide development, engineering and program support for NASA's initiatives in large-scale networking, which include, among others, the High Performance Computing and Communications (HPCC), National Research and Education Network (NREN), Next Generation Internet (NGI) and Global Interoperability Broadband Network (GIBN) programs. Provide development, engineering and advocacy support of NASA's operational and research program requirements in the areas of (1) domestic and international spectrum allocation and (2) communications standards and protocols in such bodies as the International Telecommunications Union (ITU), American National Standards Institute (ANSI), ATM Forum, IETF, etc. Represent NASA at U.S. and international meetings as required.

3.3.8 Operate and maintain the GRC network security environment while ensuring that the firewall is operational 24 hours per day, 7 days per week. Propose, test, and implement enhancements for NASA design specifications. Adhere to NASA IT Security Policies. Provide system administration of all machines within the firewall and those used to monitor firewall traffic.

3.3.9 Monitor all network traffic for security purposes. Maintain and monitor logs daily for security threats. Upon direction of the government, search logs for specific incident information.

3.3.10 Respond to threats to the Network. Take appropriate actions to notify the designated government employee of threats. Recommend and implement solutions upon approval of the government.

3.3.11 Provide technical documentation of developed network security applications. Provide input for proposals for new firewall designs. Provide documentation for new implementations and changes made to current design.

3.3.12 Work with customer to meet changing network security requirements. Document customer requests. Generate potential solution and make recommendations. Implement changes to the firewall based on government approval.

3.3.13 Maintain technical currency in the area of network security. Keep abreast of the latest security threats.

3.4 Facility Support

3.4.1 Perform hardware/software installation and maintenance including new systems, removal, disposition, preventative and remedial maintenance, and calibration for 50 plus experimental test facilities each with a dedicated steady state, real-time data acquisition and display system. [Both classified and unclassified environments.]

3.4.2 Provide operational support, backup, recovery, COTS, and unique software maintenance for 50 plus experimental test facilities each with a dedicated steady state, real-time data acquisition and display system. [Both classified and unclassified environments.]

3.4.3 Provide hardware and software configuration management including engineering revision maintenance, logistics, life cycle tracking, specialized system administration, and specialized hardware

and software application development for 50 plus experimental test facilities each with a dedicated steady-state, real-time data acquisition and display system. [Both classified and un-classified environments.]

3.4.4 Provide on-site operations and maintenance support during the facilities' run schedules, typically from the hours of 0700 to 2400, Monday through Friday. Third shift and weekend (Saturday and/or Sunday) support will be required for those facilities scheduled to run during these times. Government programs may require additional service coverage. This service will be at an additional cost to the Government.

3.4.5 Coordinate activities with the data system product line manager, facility personnel, systems development personnel, the application programming staff, network administrators and the contracts for network infrastructure and computer maintenance not covered specifically in this task order area.

3.3.5 Procure and track software/hardware and/or software/hardware maintenance agreements or licenses for a variety of computer platforms as required.

3.3.6 Provide administration, operations, and maintenance of the GRC videoconference facility. Typical work in this area includes scheduling the facility, coordinating with participants and other centers, operating cameras, VCR's, microphones, etc. during conferences, and providing minor routine maintenance and checkout of the facility. Some after-hours support may be required.

3.5 Emerging Technology Applications

3.5.1 Develop, procure, catalog, and maintain a collection of reference books, journals, and online services pertinent to the Glenn ISD and the GRC CIO support staff. Provide [maintain] hardware necessary to support online reference materials. Maintain a walk-in facility for access to and distribution of reference materials pertinent to ISD's products and services. Respond to inquiries/requests for IT Resources and Computing Knowledgeware (ITRACK) services received by phone or electronically. Perform online searches for information specific to ISD products and services as well as next generation technologies in support of ISD and the Center CIO; route information to appropriate workgroups.

3.5.1 Provide application product administration support for a suite of UNIX and Windows based Knowledge Management Systems and centralized web tools software products. Perform software upgrades, troubleshooting, data backup, and user maintenance.

3.5.2 Provide marketing support for the core suite of Knowledge Management software supported to leverage benefits of these technologies for Glenn or other NASA workgroups. Perform requirements gathering/analysis for workgroups considering use of the core Knowledge Management software products. Prepare and present briefings and/or online information to guide customers in effective use of the Knowledge Management products. Post information online to GRC employees regarding copyright, privacy, and intellectual property regulations.

3.5.3 Provide marketing support for core suite of Project Management decision support tools. Perform requirements gathering/analysis for workgroups considering use of Project Management decision support software products. Support pilot activities associated with introducing users to an array of decision support tools.

3.5.4 Prepare and present briefings and documentation to guide users in the effective use of Project Management support tools. Provide technical support in evaluating and selecting Project Management support tools as requested by the GRC user community.

3.5.5 Provide technical support in modeling the Project Management Decision Support Knowledgebase to ensure alignment with the demands and requirements of the GRC user community.

3.5.6 Analyze needs, research, interview, organize, design, write, edit, illustrate, user-test, produce, and manage a wide range of document products to be presented and distributed through various communications media. Provide technical reports, flowcharts, newsletters, User Manuals, Programmer Manuals, guides and reference materials, on-line helps and tutorials, on-line or portable video presentation, computer-user interface screens, graphics, and various technical and scientific illustrations, forms, displays, and other products.

3.5.7 Organize, develop, design, write, edit, create, illustrate, produce, and deliver alerts, advisories, instructions, manuals, documents, or training classes utilizing various media to offer general and/or specific information technology security training to GRC employees. Such activity shall include collaboration with the GRC Training Office to assure adequacy and the appropriate application of metrics to these tasks.

3.5.8 Analyze methodologies, federal guidelines, and tool kits for the development of enterprise IT Architecture for NASA and GRC and the maintenance of the resulting documentation. Interview the NASA CIO or designates and GRC CIO or designates for the determination of scope, and interview identified business process owners, enterprise and center IT system owners, and implementers.

3.5.9 Develop training material to support the GRC's Agency responsibilities for IT Security training and awareness. Develop documentation and electronic media.

3.5.10 Conduct IT systems, cost, benefits, and return on investment analyses in support of the development of business case proposals for the introduction of new technology into the NASA IT environment.

3.5.11 Perform benchmarking and best practice analysis of IT management and implementation methodologies used by NASA.

3.5.12 Analyze NASA business processes for the purpose of process improvement (including re-engineering) through the application of IT.

3.5.13 Research, recommend, promote, advertise, and revise "standards" for Wintel desktop system interoperability in support of Agency/Center CIO initiatives. This includes, but is not limited to standards for workstation configuration, host level security, system administration, and interoperability with UNIX, and Macintosh desktop environments.

3.5.14 Research, recommend, promote, advertise, and revise "standards" for UNIX desktop system interoperability in support of Agency/Center CIO initiatives. This includes, but is not limited to standards for workstation configuration, host level security, system administration, and interoperability with Wintel, and Macintosh desktop environments.

3.5.15 Research, recommend, promote, advertise, and revise "standards" for Macintosh desktop system interoperability in support of Agency/Center CIO initiatives. This includes, but is not limited to standards for workstation configuration, host level security, system administration, and interoperability with UNIX, and Wintel desktop environments.

3.5.16 Provide support to Glenn Research Center's ISD in various roles and responsibilities assigned by NASA HQ for the management of IT architecture and standards. Principle areas of focus include, but not limited to, collaboration, desktop environment, and IT security. Responsibilities include full life cycle requirements analysis, justification of new initiatives, advocacy, solutions and implementation planning, procurement planning, standards development and measuring, and improving return on investment for large scale implementations.

3.5.17 Assists in identifying areas where IT costs can be reduced and controlled through business cases, and works with ISD and Agency Teams to develop and implement schedules for which IT standards and guidelines will be issued.

3.5.18 Assists NASA in the development and support of a "One NASA" Team Collaboration service, including administration and support for the Team Collaboration Pilot. Research and testing of team collaboration standards and commercial products will be required to assist NASA with standards development and service deployment recommendations.

3.5.19 Provide and manage a "One NASA" Team Collaboration operational service for the Agency including: acquisition of team collaboration software and/or services, administration of operational services including NASA 2810 IT security compliance, change management to assist NASA teams with tool adoption, customer support, and customer chargeback.

4. Deliverables

Blanket Task Order deliverables include:

NASA 533 Financial Reports	Monthly
Technical Progress Reports	Monthly

Delivery Order/Task Orders:

As specified in issued delivery/task orders.

mailed 9/25/03

NAS 3-03/00

Initial Assessment

PACE EQUIPMENT LISTING

Equipment Name	Tag#	MFG#	location	Status	SumOfCost	Comments
Computer, Micro	2046161	6952DBLZK065	142/155	Active	\$958.00	ODIN
PG-1 Pager	A1437907	A1437907	142/155	Active	\$88.00	2165492046
PH-2	NT106750	XSI-Starplus II	142/155	Active	\$214.00	2164338279
Printer, Laser	1228324	3140A79478	142/155	Active	\$1,515.00	ODIN
Terminal, Data Processig	320872	Q3731	142/160PS	Active	\$1,127.00	
Terminal, Data Processing	320894	Q3781	142/155	Active	\$1,127.00	
Computer, Micro	7700001466	V119DYSZB492	142/212	Active	\$1,633.00	ODIN
Display Unit	7700002375	120CG43HL667	142/140	Active	\$0.00	CPU-7700001466
Display Unit	2048017	2136280	142/140	Active	\$936.00	
PH-2	NT101596	XKT-GTE	142/140	Active	\$212.00	
Computer, Micro	7700005793	U2245YFZB155	142/110	Active	\$1,783.00	
Display Unit	7700006208	24C020951988	142/110	Active	\$0.00	CPU-7700005793
PH-2	NT106776	XSI-Starplus II	142/110	Active	\$214.00	2164333279
Printer, Laser	1228527	3221A01964	142/110	Active	\$1,564.00	ODIN
Printer, Laser	1113658	3122J80854	142/158	Active	\$1,684.00	
Back Up Unit	2134122	38502654	142/160	Active	\$5,580.00	
Computer, Micro	1888986	DDPMX	142/193	Active	\$899.00	
Computer, Micro	7700001757	UY23JB3ZA060	142/189	Active	\$2,240.00	
Computer, Micro	2046357	008H2279	142/160	Active	\$4,440.00	
Computer, Micro	1888701	805FC4EF	142/160	Active	\$3,634.00	
Computer, Micro	2046355	00BH226D	142/160	Active	\$4,440.00	
Disk Drive Unit	2133914	115H3C29	142/160	Active	\$632.00	
Display Unit	1888698	9726GN4005	142/160	Active	\$0.00	CPU-1888701
Display Unit	7700001523	11AFA215B415	142/189	Active	\$0.00	CPU-7700001757
PG-2-Pager	E0714383	E0714383	142/193	Active	\$149.00	2165499894
PH-2	NT107154	XKT-GTE	142/193	Active	\$208.00	2164332795
Computer, Micro	1746865	6XDX8	54 TRL B	Active	\$2,261.00	ODIN
Computer, Micro	2006931	938H4277	54/TriB	Active	\$11,271.00	ODIN
Display Unit	2006932	0010968-9934KH388	54/TriB	Active	\$1,371.00	ODIN
Display Unit	1402724	3Z00342CA	54 TRL B	Active	\$1,047.00	ODIN
PH-2	NT100370	XSI-Starplus II	54/Tri/B	Active	\$212.00	
CD-Read/Write	7700001560	11200760	6/108	Active	\$0.00	
Computer, Micro	7700000496	V203DYSZA058	60/108	Active	\$1,831.00	
Computer, Micro	7700004373	XB7301GHA6V	60/110	Active	\$2,043.00	
Disk Drive Unit	1748808	439471	60/108	Active	\$159.00	
Display Unit	1226568	2006843	5/256	Active	\$1,400.00	
Display Unit	1888995	7X01298DE	60/108	Active	\$0.00	CPU-7700000496
Display Unit	7790009030	0102LR3743	60/19	Active	\$0.00	CPU-2134193
Display Unit	7700004418		60/110	Active	\$0.00	CPU-7700004373
D-Link	7700004905	model#-DSB-H4	60/110	Active	\$0.00	CPU-7700004373
PH-2	NT100537	XKT-GTE	60/108	Active	\$205.00	
Printer, ADP	2005659	SGBU12070	5/265	Active	\$1,351.00	
Printer, Laser	7700001211	JPPAC25224	60/2	Active	\$422.00	

Printer, Laser	1503196	J206G16	60/108	Active	\$422.00
Printer, Laser	2135702	CNGRH14991	60/108	Active	\$1,298.00
Printer, Laser	1747246	SJ406L37	60/126	Active	\$422.00
Printer, Laser	2135701	CNGRH14996	60/108	Active	\$1,298.00
Printer, Laser	2135700	CNGRH15004	60/108	Active	\$1,298.00
Printer, Laser	2135742	JPAKB00917	60/108	Active	\$2,424.00
Projector, Video	1621488	50113156	60/108	Active	\$3,333.00
Server, Communications	2134193	126S0EB1	60/019	Active	\$13,664.00
Tape Drive Unit	1226565	37007793	23/W3CR	Active	\$520.00
Tape Drive Unit	2050091	674627	60/108	Active	\$3,200.00
VST	7700004862	model#-FDUSB-M	60/110	Active	\$0.00 CPU-7700004373
Zip Drive	7700003740	6JCM43E8F4	60/108	Active	\$0.00 CPU-7700000496
ZipDrive	7700001196	75CM12N55F	6/108	Active	\$0.00
Computer, Micro	2046144	6001BZSZK263	142/293	Active	\$1,230.00 ODIN
Display Unit	1503920	MH27G6019696	142/293	Active	\$670.00 ODIN
PH-2	NT107061	XKT-GTE	142/291	Active	\$206.00
Projector	2050009	13697958	142/291	Active	\$3,499.00
Assembly, Local Input	1109682	517	142/160A	Active	\$9,700.00
Assembly, Local Input	146980	10760	142/160A	Active	\$15,000.00
Assembly, Local Input	312738	8728	142/160A	Active	\$14,700.00
Back Up Unit	1748786	WS9711594148	142/160	Active	\$1,533.00
Calibrator, Multifunction	1621393	8031190	142/282	Active	\$1,616.00
Calibrator, Pressure	415384	69	5/CW9	Active	\$11,280.00
Calibrator, Voltage	1068098	15481	142/282	Active	\$2,152.00
Chassis, Expansion	G093961	WF94705086	142/160A	Active	\$5,695.00
Computer, Micro	2048036	2397933	142/282	Active	\$1,715.00
Computer, Micro	1109469	103CC000059	35/3	Active	\$3,400.00
Computer, Micro	7700001357	U118DYSZB895	142/282	Active	\$1,747.00
Computer, Micro	1503265	6VRD8	142/160F	Active	\$1,971.00
Computer, Mini	G093960	WF95006741	142/160A	Active	\$66,034.00
Computer, Portable	2049986	12631074	142/282	Active	\$5,787.00 retagged-1506141
Computer, Portable	2049985	12635514-3	142/282	Active	\$5,787.00 retagged-1506536
Counter, Timer	1407276	608773	21/16	Active	\$1,139.00
Counter, Timer	1407283	607090	21/16	Active	\$2,016.00
Display Unit	1503051	7009569	142/160F	Active	\$802.00
Display Unit	7700001513	113CG43HP176	142/282	Active	\$0.00 CPU-7700001357
Extender, Bus	1227560	11046	142/79	Active	\$1,195.00
Extender, Bus	1114173	GPIB100	142/79	Active	\$1,195.00
Extender, Bus	1114172	10938	142/79	Active	\$1,195.00
Generator, Arbitrary	47738	US34019759	142/282	Active	\$1,691.00
Generator, Pulse/Function	1435276	2849G08630	142/282	Active	\$2,741.00
Meter, Power	2047325	DM7470050	142/282	Active	\$1,544.00
Multimeter, Bench	2005214	2823A1759	142/282	Active	\$645.00
Multimeter, Bench	1439310	606840	142/160A	Active	\$3,163.00
Multimeter, Bench	1439315	606831	142/282AS	Active	\$3,163.00
Multiplexer, Differential	1438317	9118	142/260B	Active	\$13,789.00
Multiplexer, Differential	707877	6048	142/79	Active	\$13,205.00
Multiplexer, Differential	611250	14238	142/79	Active	\$17,597.00
Multiplexer, Differential	311159	9119	142/79	Active	\$14,578.00
Multiplexer, Differential	49826	18357	142/287	Active	\$17,652.00

Multiplexer, Differential	317753	620400	142/79	Active	\$11,519.00
Multiplexer, Multichannel	146739	18587	142/79	Active	\$5,568.00
Oscilloscope	2047278	B015162	142/282	Active	\$3,436.00
Oscilloscope	2135085	SG0000567	142/282	Active	\$3,572.00
Oscilloscope	2005275	B011255	142/282	Active	\$2,725.00
PH-2	NT108385	XSI-2-Line-Starplus II	142/282	Active	\$206.00
PH-2	NT109565	XSI-2-line-Starplus II	142/282	Active	\$206.00
Printer, Label	1109681	27607	142/282	Active	\$1,109.00
Printer, Laser	1326944	JPBG035502	142/160A	Active	\$1,852.00
Computer, Micro	2046159	6952DBLZK061	142/160A	Active	\$958.00
Display Unit	1111502	JPF0650092	142/160B	Active	\$3,416.00
Display Unit	1111503	JPF0650092	142/160A	Active	\$3,416.00
Display Unit	1113489	FF1420295	142/160B	Active	\$3,011.00
Module, Computer	1110490	B060952	142/160A	Active	\$2,232.00
PH-3	NT106441	DT28DS-Fujitsu	142/164	Active	\$206.00
Computer, Micro	2049281	FW03870168	142/160	Active	\$3,057.00 ODIN
Computer, Micro	2048177	6028BZSZA034	142/158	Active	\$1,829.00
Computer, Micro	1891767	FLQT2	142/232	Active	\$1,382.00 ODIN
Computer, Micro	2049279	FW03870145	142/160	Active	\$3,057.00 ODIN
Computer, Micro	2049280	FW03870141	142/160	Active	\$3,057.00 ODIN
Computer, Micro	1745121	8HHCW	142/158	Active	\$6,926.00 ODIN
Disk Drive Unit	2135067	16615	142/158	Active	\$957.00
Display Unit	2049278	0036LL1358	142/160	Active	\$548.00 ODIN
Display Unit	1749166	2057811	142/160	Active	\$1,316.00
Display Unit	2049277	0036LL1357	142/160	Active	\$548.00 ODIN
Display Unit	1890683	2755366	142/159	Active	\$1,250.00 ODIN
Display Unit	1891488	7013945	142/159	Active	\$1,200.00 ODIN
PH-2	NT101551	XKT-GTE	142/158	Active	\$206.00
Printer, Laser	1434463	JPFJ007387	142/152	Active	\$1,860.00 ODIN
Tape Drive Unit	1745619	4A62210025	142/159	Active	\$1,827.00
Computer, Micro	7700006077		142/106	Active	\$0.00
Display Unit	7700006053		142/106	Active	\$0.00
PH-2	NT100764	XKT-GTE	142/238	Active	\$206.00
Cell Phone	8207757262	52765DCECEJ	302/124B	Active	\$749.00 2165091443
Computer, Micro	2135252	HCRCH11	302/124B	Active	\$422.00
Display Unit	2135250	24N-608C	302/124B	Active	\$0.00
PH-3	NT110689	12DS	302/124B	Active	\$228.00
Computer, Micro	7700001852	V124DB3ZA023	60/105	Active	\$2,144.00
Computer, Micro	1749204	B0XC9	142/189	Active	\$2,188.00 ODIN
Display Unit	7700001337	112FA21SA975	60/105	Active	\$0.00 CPU-7700001852
PH-3	NT100678	DT14DS-Fujitsu	142/193	Active	\$228.00
Scanner, Optical	1745703	SG630220C0	60/105	Active	\$780.00
Computer, Micro	2135244	309419	142/140	Active	\$422.00
PH-2	N104334	XKT-GTE	142/140	Active	\$206.00
Computer, Micro	1748506	72BF0B33	7/119	Active	\$2,185.00

Computer, Micro	1748507	726F0AA8	7/119	Active	\$2,185.00
Computer, Micro	1748508	723F00E6	7/119	Active	\$422.00
PH-2	NT101970	XKT-GTE	7/119	Active	\$206.00
Computer, Micro	2046168	6952DBLZK056	142/160	Active	\$958.00
Display Unit	7790001053		142/160	Active	\$0.00
PH-3	NT107383	DT14-Fujitsu	142/160	Active	\$234.00
Computer, Micro	7700003493	U146FCDZA006	142/158	Active	\$2,144.00
Display Unit	7700003200	41E012600149	142/158	Active	\$0.00 CPU-7700003493
PH-2	NT100518	XKT-GTE	142/158	Active	\$206.00 2164336626
Computer, Micro	7700003155	U142FCDZA006	142/107	Active	\$2,144.00
Display Unit	7700003060	41E012500763	142/107	Active	\$0.00 CPU-7700003155
PH-2	NT100516	XKT-GTE	142/107	Active	\$206.00 2164335056
Disk Drive Unit	1746834	736N01442	142/293	Active	\$549.00
Computer, Micro	7700004798	V110DYSZB102	3/5	Active	\$1,748.00
Display Unit	7700004137	042CG43H1561	3/5	Active	\$0.00 CPU-7700004798
File100001	FILE100001		3/117	Active	\$1,459.00
File10047	FILE10047		3/117	Active	\$859.00
PH-3	NT110319	DT12DS-Fujitsu	3/5	Active	\$234.00 2164335102
Printer, Scanning	2005245	S8B9516064	21/113	Active	\$615.00
Computer, Micro	2006189	UYD33	142/110	Active	\$970.00 ODIN
PH-2	NT109681	XKT-GTE	142/110	Active	\$206.00 2164335118
Asset	7700004843	Model# - VST	142/157	Active	\$0.00 CPU-7700004680
Asset	7700004874	MODEL# - DSB-H4	142/157	Active	\$0.00 CPU-7700004680
Computer, Micro	2046210	RN948D3NHU8	142/157	Active	\$1,337.00 ODIN
Computer, Micro	7700004680		142/157	Active	\$2,007.00
Computer, Micro	2049079	5G62872L6UK	500/2413	Active	\$2,163.00 ODIN
Display Unit	1069730	08M80801T	142/157	Active	\$1,500.00
Display Unit	7700001364	VU11518BJAK	142/157	Active	\$0.00 CPU-7700004680
PH-2	NT100775	XKT-GTE	142/157	Active	\$206.00 2164338468
Computer, Micro	7700003154	U142FCDZA007	142/113	Active	\$2,144.00
Display Unit	7700003063	41E0125001006	142/113	Active	\$0.00 CPU-7700003154
PH-2	NT100390	XKT-GTE	142/113	Active	\$206.00 2164332854
Printer, Laser	1436471	JPGF005846	142/113	Active	\$1,809.00
Cell Phone	8.20776E+16	52768566CEJ	302/124B	Active	\$749.00 2165095035
Computer, Micro	2135251	1DRCH11	302/124B	Active	\$422.00
PH-3	NT009282	12DS	302/124B	Active	\$228.00 2164336087
Computer, Micro	2055392	none	142/160	Active	\$6,528.00
Computer, Micro	2005373	XA9130YZOV	142/269	Active	\$744.00
Computer, Micro	7700002407	XB132LYKSD	142/112	Active	\$2,043.00
Computer, Micro	7700000166	FT14310108	142/269	Active	\$6,563.00
Computer, Micro	2057465	037H4161	142/160	Active	\$13,995.00
Computer, Micro	7700002892	XB13712BKSD	142/269	Active	\$2,043.00

Computer, Micro	2048617	4029DQMZ1031	142/269	Active	\$4,828.00 ODIN
Computer, Micro	2046619	HHA8T	142/269	Active	\$1,294.00 ODIN
Computer, Micro	7700000169	FT14310110	142/160	Active	\$4,522.00
Computer, Portable	2049049	3J08FWB3G09J	142/269	Active	\$2,331.00 ODIN
Disk Drive Unit	7700002760	39013	142/112	Active	\$0.00 CPU-77000002407
Disk Drive Unit	7700002759	32058	142/269	Active	\$0.00 CPU-77000002892
Display Unit	7700000871	N51522YZKPW	142/269	Active	\$0.00 CPU-77000002892
Display Unit	7700000389	CY1471KYJPC	142/112	Active	\$0.00 CPU-77000002407
Display Unit	2048618	008CA45VB216	142/269	Active	\$606.00 ODIN
Display Unit	7700000174	0140LB0120	142/160	Active	\$0.00 CPU-7700000169
Display Unit	2005371	CY902420CVS	142/269	Active	\$0.00 CPU-2005373
Display Unit	7700000177	0136LB1928	142/160	Active	\$0.00 CPU-7700000166
Display Unit	2054036	61.54011.012	142/160	Active	\$1,492.00
PH-2	NT103490	XKT-GTE	142/269	Active	\$206.00 2164332947
Switch, Communications	2057737	14210A555MR081	142/160	Active	\$1,100.00
Tape Drive Unit	2061153	3B114013MI	142/160	Active	\$7,310.00
USB-Hub	7700002785	GCH010708575	142/269	Active	\$0.00 CPU-77000002407
USB-Hub	7700002786	GCH010708571	142/269	Active	\$0.00 CPU-77000002892
Computer, Micro	2135245	309418	142/144	Active	\$422.00
PH-3	NT109025	24DS	142/144	Active	\$228.00 2164336096
Computer, Micro	2046586	H8U6H	142/144	Active	\$701.00 ODIN
Computer, Portable	1891549	Z6NJ4	142/152	Active	\$422.00
Display Unit	2048019	2136278	142/144	Active	\$936.00
Docking Station	7790001025	53093	142/152	Active	\$0.00 CPU-1891549
PH-3	NT110506	DT12DS-Decision On	142/144	Active	\$228.00 2164339809
Computer, Micro	7700005941	U225JYFZA030	3/7	Active	\$1,783.00
Computer, Micro	7700000503	V203DYSZA100	3/7	Active	\$1,840.00
Display Unit	7700005252	24C020951204	3/7	Active	\$0.00 CPU-77000005941
Display Unit	7700000329	24B014950508	3/7	Active	\$0.00 CPU-7700000503
Fax Machine	1220367	9305930	3/7	Active	\$783.00 2164332735
PH-1	NT104812	28DT	3/7	Active	\$193.00 2164332593
PH-1	NT100560	XKT-GTE	3/7	Active	\$193.00 2164335831
PH-3	NT106879	DT28S-Fujitsu	3/11	Active	\$302.00 2164332593
PH-3	NT106883	DT28S-Fujitsu	3/7	Active	\$302.00 2164339645
PH-3	NT106886	DT28S-Fujitsu	3/7	Active	\$302.00 2164332666
Cell Phone	4E014CF4	78700085236	142/130	Active	\$749.00 2167890170
Computer, Micro	2045974	302041	311	Active	\$737.00 ODIN
Computer, Micro	2006680	FW91320537	311	Active	\$422.00
Computer, Micro	1621028	35M600B	311	Active	\$715.00 ODIN
Computer, Micro	2047251	HMM500B	7/119	Active	\$623.00 ODIN
Computer, Portable	7700003712	DDC7211	7/119	Active	\$2,211.00
Computer, Portable	7700003713	HDC7211	7/119	Active	\$2,211.00
PH-2	NT105150	XSP-Starplus II	142/130	Active	\$212.00 2164339336
Walkie Talkie, Trunked	1327307	1230924	142/140	Active	\$204.00 ODIN
Walkie Talkie, Trunked	1327306	1230943	142/140	Active	\$204.00 ODIN
Adapter, Fiber Optic	1620873	7157024	142/282	Active	\$2,000.00
Adapter, Fiber Optic	1620874	7157023	142/282	Active	\$2,000.00

Analyzer, Cable	1620750	7427057	142/282C3D	Active	\$2,788.00
Analyzer, Communication	4992	11657	142/160B	Active	\$9,000.00
Analyzer, Remote	1620751	7427057A	142/282C3D	Active	\$2,788.00
Assembly, Local Input	1886243	599	142/160B	Active	\$19,600.00
Assembly, Local Input	312737	8735	142/160	Active	\$14,700.00
Assembly, Local Input	686809	7696	142/160	Active	\$24,300.00
Assembly, Local Input	G048548	261	142/282	Active	\$13,286.00
Calibrator/Standard, Voltage	1068100	17070	142/160	Active	\$2,554.00
Chassis, Expansion	2048027	621	142/282	Active	\$2,100.00
Chassis, Expansion	2049537	1365	142/282	Active	\$4,000.00
Chassis, Expansion	2049543	222071	142/79	Active	\$1,436.00
Chassis, Expansion	2049541	222073	142/260B	Active	\$1,436.00
Chassis, Expansion	2049542	222084	142/79	Active	\$1,436.00
Chassis, Expansion	2049544	222083	142/79	Active	\$1,436.00
Chassis, Expansion	249468	WF62607087	142/79	Active	\$2,220.00
Chassis, Expansion	2049540	220210	142/260B	Active	\$1,436.00
Chassis, Expansion	2049538	1375	142/282	Active	\$4,000.00
Computer, Micro	1502251	6DJC1	142/160	Active	\$2,202.00
Computer, Micro	7700003938	U150DYAZA281	142/79	Active	\$1,735.00
Computer, Micro	7700001351	U118DYSZB915	142/282	Active	\$1,747.00
Computer, Micro	1745661	6XDUN	142/160B	Active	\$2,261.00
Computer, Micro	1748826	9RLFF	142/160	Active	\$1,921.00
Computer, Micro	2047462	N16230103E	142/160	Active	\$1,950.00
Computer, Micro	2048031	N1625056V2	142/160	Active	\$1,584.00 ODIN
Computer, Micro	2048032	N162505GU0	142/160	Active	\$1,584.00
Computer, Micro	2048033	N162505HLL	142/160	Active	\$1,584.00 ODIN
Computer, Micro	2048030	N171002HDM	142/160	Active	\$950.00 ODIN
Computer, Micro	1889122	DM7FG	142/160	Active	\$1,489.00
Computer, Portable	1228134	S202FD111336	142/282AS	Active	\$2,485.00
Digitizer	2134829	1418	142/287	Active	\$6,368.00
Digitizer	1435551	385	142/282	Active	\$3,720.00
Disk Drive Unit	1621223	00157M4714	142/282	Active	\$555.00
Disk Drive Unit	1621226	00166M6295	142/260b	Active	\$555.00
Disk Drive Unit	1621224	00157M4719	142/79n2b	Active	\$555.00
Disk Drive Unit	2134124	4Z05310017	142/160	Active	\$900.00
Disk Drive Unit	1621225	00166M6287	142/79n2b	Active	\$555.00
Display Unit	2050635	039CA45VA109	142/260b	Active	\$510.00
Display Unit	7770002040		142/282	Active	\$0.00 CPU-7700001351
Display Unit	1068281	630611	142/160B	Active	\$2,554.00
Display Unit	1114197	642914	142/160B	Active	\$2,180.00
Display Unit	2050636	039CA45VA026	142/260b	Active	\$510.00
Display Unit	1749382	66746J1RMQ	142/160	Active	\$500.00
Display Unit	1114195	644059	142/160B	Active	\$2,180.00
Display Unit	1227298	TA12527673	142/160W6A	Active	\$1,000.00
Display Unit	7700000025	2.18014E+11	142/79	Active	\$0.00 CPU-7700003938
Display Unit	G092190	626569	142/160W5	Active	\$2,265.00
Display Unit	2135069	20057702	142/282	Active	\$1,875.00
Display Unit	1891433	20013018	142/160B	Active	\$2,100.00
Display Unit	G094678	HK01806824	142/282AS	Active	\$2,500.00
Display Unit	1749011	7140994	142/160	Active	\$704.00
Display Unit	1749369	66746J1JYJ	142/160	Active	\$500.00 ODIN
Display Unit	1749371	66746T1RMF	142/160	Active	\$500.00

Display Unit	1502804	5A55033347	142/160	Active	\$949.00
Display Unit	1621227	039CA45VA093	142/160B	Active	\$510.00
Display Unit	1749194	66510A3Y1067	14/2160	Active	\$704.00
Display Unit	1621228	039CA45VA111	35/RL24	Active	\$510.00
Display Unit	1328757	4131236627	142/160B	Active	\$1,160.00
Extender, Bus	2133909	C94DC0	142/79	Active	\$1,191.00
Extender, Bus	2133908	C94DC5	142/79	Active	\$1,191.00
Extender, Bus	2133906	C94DF0	142/79	Active	\$1,191.00
Extender, Bus	1228243	11041	142/79	Active	\$1,195.00
Extender, Bus	2134125	CAAD89	142/79	Active	\$1,191.00
Extender, Bus	2133867	C8D1B9	142/79	Active	\$1,191.00
Extender, Bus	2133868	C8D1C9	142/79	Active	\$1,191.00
Extender, Bus	2133870	C8D20F	142/79	Active	\$1,191.00
Extender, Bus	2133871	C8D1CB	142/79	Active	\$1,191.00
Extender, Bus	2133872	C8D23C	142/79	Active	\$1,191.00
Extender, Bus	2133905	C94DC1	142/79	Active	\$1,191.00
Extender, Bus	2133907	C94DF7	142/79	Active	\$1,191.00
Generator, Time Code	767054	5100	142/160B	Active	\$7,094.00
Meter, Signal Level	1276539	3083005	142/282AS	Active	\$4,110.00
Multimeter, Digital	1889213	2823A20325	142/282	Active	\$6,555.00
Multiplexer, Differential	318067	9134	142/160B	Active	\$15,692.00
Multiplexer, Differential	686811	17297	142/160E	Active	\$20,200.00
Oscilloscope	1226994	B012902	142/160B	Active	\$1,995.00
Oscilloscope	609646	B081975	142/160D	Active	\$6,221.00
PH-2	NT110671	XSI-2-Line-Starplus II	142/282	Active	\$206.00 2164335132
Printer, Laser	2048029	USBC130312	142/160	Active	\$1,410.00
Printer, Laser	2048028	USBB302623	142/160	Active	\$1,410.00
Printer, Laser	2049545	USBC160135	142/79	Active	\$1,411.00
Recorder-Reproducer Set,	1228609	NONE	142/160	Active	\$45,000.00
Server, Communications	49454	1R61359899	142/79m3b	Active	\$1,490.00
Server, Communications	1501812	1R60557967	142/79m3b	Active	\$1,328.00
Server, Communications	1501811	1R60958078	142/79m2b	Active	\$1,328.00
Server, Communications	1501814	1R60558016	142/282	Active	\$1,328.00
Server, Communications	49282	08-00-2B-A4-3E-F9	142/79m3b	Active	\$1,867.00
Server, Communications	1501807	1R60557971	142/79m3b	Active	\$1,328.00
Server, Communications	49281	08-00-2B-A4-3B70	142/79m2b	Active	\$1,867.00
Server, Communications	1501806	1R60558060	142/79m3b	Active	\$1,328.00
Server, Communications	1501810	1R60558126	142/79m3b	Active	\$1,328.00
Server, Communications	1501809	1R60558118	142/79M3B	Active	\$1,328.00 ODIN
Storage Unit	2134138	029H2462	142/282	Active	\$11,955.00
Switch, Communications	2134801	SSGLKH5C22	142/79	Active	\$1,571.00
Switch, Communications	2134802	SSGLKH5CKR	142/79	Active	\$1,571.00
Switch, Communications	2007615	KEE0047666	142/79	Active	\$2,208.00
Switch, Communications	2134803	SSGLKH5C23	142/79	Active	\$1,571.00
Switch, Communications	2134439	SSGLKH5C2H	142/79	Active	\$1,571.00
Switch, Communications	2134800	SSGLKH5C21	142/79	Active	\$1,571.00
Switch, Ethernet	2048516	SSGLKH1KVR	142/160	Active	\$1,702.00
Switch, Ethernet	1891166	031298AL2001E05	142/282AS	Active	\$977.00
Switch, Ethernet	2047441	SSGLKHOTR1	142/160	Active	\$1,615.00
Switch, Network	2134425	SSGLKG082L	142/79	Active	\$1,315.00
Switch, Network	2134424	SSGLKG082L	142/79	Active	\$1,315.00
Switching Unit, Electronic	99272	AG71985137	142/Cntrl	Active	\$2,751.00

Switching Unit, Electronic	99274	AG72115532	142/260B	Active	\$2,751.00
Switching Unit, Electronic	G048719	AG714	142/Cntrl	Active	\$2,751.00
Tape Drive Unit	2134404	4Z10610061	142/282A	Active	\$900.00
Tape Drive Unit	1886330	3D24809874	142/160E	Active	\$562.00
Tape Drive Unit	1620480	3D24804920	142/160B	Active	\$525.00
Tester, Fiber Optic	2049885	7491001	142/282	Active	\$2,995.00
Tester, Fiber Optic	2134402	7941002	142/282A	Active	\$1,007.00
Tester, Fiber Optic	2134401	7941013	142/282A	Active	\$1,007.00
Tester, Fiber Optic	2134400	7884017	142/282A	Active	\$1,007.00
Tester, Fiber Optic	2134139	7883013	142/282A	Active	\$1,007.00
PH-2	NT103930	XKT-GTE	60/108	Active	\$206.00 2164338828
Computer, Micro	2006852	13XB5	142/155	Active	\$1,783.00
Display Unit	2006548	221DA1HWW29	142/155	Active	\$0.00 CPU-2006852
PH-2	NT100552	XKT-GTE	142/155	Active	\$206.00 2164335117
Computer, Micro	7700002634	V136JB3ZA001	142/189	Active	\$2,144.00
Computer, Micro	7700001758	V123JB3ZA052	142/189	Active	\$2,144.00
Disk Drive Unit	1888697	803G3258	142/160K	Active	\$1,601.00
Display Unit	7700001619	114FA21SE319	142/189	Active	\$0.00 CPU-7700001758
Display Unit	7700002456	41E012500752	142/189	Active	\$0.00 CPU-7700002634
Scanner	7700002556	S17D108730	142/189	Active	\$0.00 CPU-7700002556
Computer, Micro	7700000189	V201DYSZA159	142/106	Active	\$1,747.00
Display Unit	7700000071	2.18014E+11	142/106	Active	\$0.00 CPU-7700000189
Display Unit	1502462	09656A0TRP	142/287	Active	\$802.00 ODIN
PH-2	NT100343	XKT-WSPK	142/106	Active	\$212.00 2164335820
Asset	7700004853	VST	142/189	Active	\$0.00 CPU-7700004927
Asset	7700004872	DSB-H4	142/189	Active	\$0.00 CPU-7700004927
Computer, Micro	7700004927	PowerMac G4 cube	142/189	Active	\$2,007.00
Computer, Micro	7700006089	V225KN7ZA697	142/188	Active	\$1,783.00
Computer, Micro	2047195	6016DHMZA044	142/188	Active	\$1,783.00
Display Unit	7700004991	M7770ZMA	142/189	Active	\$0.00 CPU-7700004927
Display Unit	7700006218	24C021754453	142/188	Active	\$0.00 CPU-7700006089
PH-2	NT100680	XSI-Starplus II	142/188	Active	\$212.00 2164339700
Computer, Portable	1747180	83BV4	6/139	Active	\$4,369.00
Computer, Micro	2007861	FW92120452	142/138	Active	\$714.00
Computer, Micro	2046278	H2QU8	142/138	Active	\$612.00
Computer, Micro	1887783	FLRR2	322/104	Active	\$1,382.00
Computer, Micro	1438201	509F008K	142/138	Active	\$786.00
Display Unit	1890335	3651383-01	142/138	Active	\$0.00 CPU-1438201
Display Unit	2048015	2124521	142/136	Active	\$959.00 ODIN
PH-2	NT110891	XSC-Cortelco-Patriot	142/138	Active	\$212.00 2164336493
Shredder, Paper	1437185	None	2103	Active	\$1,500.00
Computer, Micro	2049080	None	142/176	Active	\$5,548.00
Display Unit	1745617	4K62705299	142/242	Active	\$2,097.00
Display Unit	2046231	456B059-9942-01604	142/286B	Active	\$2,485.00
PH-2	NT100309	XSI-Starplus II	142/242	Active	\$212.00 2164335105

Printer, Laser	1328920	JPBH034343	142/242	Active	\$2,263.00
Computer, Micro	7700003783		142/113	Active	\$1,783.00
Display Unit	7700003830	2.18013E+11	142/113	Active	\$0.00 CPU-7700003783
PH-2	NT105220	XKT-GTE	142/113	Active	\$206.00 2164338989
PH-2	NT101099	XKT-GTE	142/106	Active	\$206.00 2164332535
PH-2	NT106546	XKT-GTE	142/106	Active	\$0.00 2164332535
Computer, Micro	7700004226	6023DHMZA069	142/282	Active	\$1,747.00
Display Unit	7700001510	113CG43HP137	142/282	Active	\$0.00 CPU-7700004226
Computer, Micro	2049346	UO39DYSZB804	142/295	Active	\$1,359.00
Display Unit	1889519	2743361	142/295	Active	\$1,250.00
PH-3	NT110266	DT12DS-Fujitsu	142/295	Active	\$228.00 2164336596
Computer, Micro	2047834	6021DWJ2B071	142/155	Active	\$1,756.00
Display Unit	7790001272		142/155	Active	\$0.00 ODIN
Display Unit	G088971	88-BH981	142/155	Active	\$742.00
PH-2	NT-100573	XKT-GTE	142/155	Active	\$206.00 2164335116
Terminal, Data Processing	318937	3180C2965	142/155	Active	\$1,377.00
Computer, Micro	2048337	6017DHMZA122	142/282	Active	\$1,756.00 ODIN
Display Unit	7790004770		142/282	Active	\$0.00 CPU-2048337
PH-2	NT-108032	XSI-2-ine Starplus II	142/282	Active	\$206.00 2164335138
Computer, Micro	2046158	6952DBLZK055	142/160E	Active	\$1,783.00
Display Unit	7790001014	014GD43AB879	142/282	Active	\$0.00 CPU-2046158
Computer, Micro	7700003153	U142FCDZA008	142/107	Active	\$2,144.00
Display Unit	7700002454	41E012600232	142/107	Active	\$0.00 CPU-7700003153
PH-2	NT-101702	XKT-GTE	142/107	Active	\$206.00 2164338667
Computer, Micro	2047658	6022DHMZA049	142/112	Active	\$1,867.00
Display Unit	1620401	MC80801533	142/112	Active	\$0.00 CPU-2047658
PH-2	NT-102464	XKT-GTE	142/112	Active	\$206.00 2164336190
Computer, Micro	7700004481	U106DYSZA236	142/112	Active	\$1,807.00
Computer, Micro	7700000163	FT14310134	60/108	Active	\$4,558.00
Disk Drive Unit	7700003231	1200000128	142/112	Active	\$0.00 CPU-7700000163
Display Unit	7700000181	0138LB1524	142/112	Active	\$0.00 CPU-7700000163
Display Unit	7700004183	029CG43HD413	142/112	Active	\$0.00 CPU-7700004481
PH-2	NT-100961	XKT-GTE	142/112	Active	\$206.00 2164332398
PH-2	NT-109227	XSI-Starplus II	60/108	Active	\$206.00 2164335311
Tape Drive Unit	2135657	2207051	60/19	Active	\$5,325.00
Telephone	NT-103333	XKT-GTE	142/112	Active	\$0.00 2164332398
Telephone	NT-104263	XKT	142/112	Active	\$0.00 2164332398
Computer, Micro	7700002195	U131DYSZB267	500/3110	Active	\$3,854.00
Display Unit	7700002338	120CG43HQ448	500/3110	Active	\$0.00 CPU-7700002195
PH-2	NT-102079	XKT-GTE	500/3110/05	Active	\$206.00 2164332532

Computer, Micro	2046276	H2QUF	142/138	Active	\$609.00
Computer, Micro	2048218	FW02850227	142/138	Active	\$3,233.00 ODIN
Disk Drive Unit	1229787	233G1288	142/144	Active	\$697.00
Display Unit	1502081	9617G12991	142/144	Active	\$2,000.00
PH-2	NT-105223	XKT-GTE	142/138	Active	\$206.00 2164336536
Computer, Micro	2047177	6017DHMZA078	49/129	Active	\$1,844.00
Display Unit	7790007231		49/129	Active	\$0.00 not on ODIN list
PH-3	NT-106644	DT14DS-Fujitsu	49/129	Active	\$234.00 2164332958
Computer, Micro	7700004147	75MSW	142/112	Active	\$1,831.00
Display Unit	7700004710	101CG43HQ031	142/112	Active	\$0.00 CPU-7700004147
Lens, Camera	1275181	33872	3/9	Active	\$1,617.00
PH-2	NT-103453	XKT-GTE	142/112	Active	\$206.00 2164335506
Computer, Micro	1892753	F92T4	142/236	Active	\$0.00
Display Unit	2007618	QI93098233	142/236	Active	\$600.00 CPU-1892753
PH-1	NT-100663	XSI-Starplus II	142/160	Active	\$193.00 2164332694
PH-2	NT-102690	XKT-GTE	142/130	Active	\$206.00 2164332667
Computer, Micro	7700002102		142/295	Active	\$0.00 not on ODIN list
Display Unit	1889518	2743363	142/295	Active	\$1,250.00 ODIN
PH-3	NT-110264	DT12DS-Fujitsu	142/295	Active	\$228.00 2164338720
Computer, Micro	2046157	6852DBLZK057	142/155	Active	\$958.00
Display Unit	1892677	84779JG9RK	142/155	Active	\$0.00 CPU-2046157
PH-2	NT-100209	XSI-Starplus II	142/155	Active	\$212.00 2164338974
Terminal, Data Processing	1747418	1307378	142/155	Active	\$1,377.00
Display Unit	2005499	G8J004274	142/130	Active	\$500.00
Display Unit	2048018	2136279	142/130	Active	\$936.00
PH-2	NT-103103	XKT-GTE	142/130	Active	\$206.00 2164332524
Computer, Micro	7700004440	80069137386	142/293	Active	\$12,267.00
Computer, Micro	7700000405	U205FCDZA013	142/293	Active	\$2,144.00
Display Unit	7700001986	2415543	142/293	Active	\$0.00 CPU-7700004440
Display Unit	7700000312	41E014900430	142/293	Active	\$0.00 CPU-7700000405
External CD Unit	7700004645	P-CDR40EXT	142/293	Active	\$0.00 CPU-7700004440
PH-2	NT-104476	XKT-GTE	142/293	Active	\$206.00 2164332877
Computer, Micro	7700002104		142/291	Active	\$0.00 Not on ODIN list
Display Unit	7700001908		142/291	Active	\$0.00 Not on ODIN list
Computer, Micro	2005868	0800690C2B88	142/285	Active	\$1,213.00
Computer, Micro	1620369	CK8393PTEYY	142/176	Active	\$5,361.00
Computer, Micro	1746212	0800690C4AB5	142/176	Active	\$13,792.00 ODIN
Computer, Micro	2134144	XB1341CFKSJ	142/175	Active	\$836.00 ODIN
Computer, Micro	7700002939	XB13711RKSD	142/175	Active	\$2,043.00
Disk Drive Unit	2134823	EC008BBC	142/176	Active	\$3,147.00 retagged, previously 2049!
Disk Drive Unit	2049180	EC008D08	142/176	Active	\$3,147.00
Display Unit	2134145	CY129182JU8	142/175	Active	\$0.00 CPU-2134144

Display Unit	2006892	2060048	142/176	Active	\$863.00 ODIN
Display Unit	2005869	2060046	142/285	Active	\$863.00
Display Unit	1328091	9324EQ0682	142/150	Active	\$2,000.00
Extender, Bus	2048012	07140001TM3	142/285	Active	\$2,283.00
Extender, Bus	2048013	07140002TM3	142/285	Active	\$2,635.00
External Disk Drive	7700002761	30926	142/175	Active	\$0.00 CPU-7700002939
PH-1	XT-101441	Modem line	142/150	Active	\$193.00 2164334362-Modem
PH-1	XT-101445	Modem line	142/150	Active	\$193.00 2164334364-Modem
PH-1	XT-101468	Modem line	142/150	Active	\$193.00 2164334365-Modem
PH-1	XT-101444	Modem line	142/150	Active	\$193.00 2164334363-Modem
Printer, Laser	1275780	USBC059222	142/176	Active	\$97.00 ODIN
Router, Communications	2048011	07140034-520	142/285	Active	\$2,195.00
Router, Communications	1500513	45509519	142/151	Active	\$9,072.00
Router, Ethernet	1889525	250486429	142/151	Active	\$1,046.00
Server, Communications	2134126	251343566	142/151	Active	\$1,320.00
USB Hub	7700002777	GCH010708572	142/175	Active	\$0.00 CPU-7700002939
Computer, Micro	2047836	6021DWJ2B024	142/164	Active	\$1,783.00 ODIN
Degausser, Tape	316698	7070	142/160	Active	\$1,380.00
Display Unit	1435068	352X88PL348	142/160D	Active	\$650.00
Logic Unit, Power	705942	2122308747	142/160D	Active	\$5,880.00
PH-3	NT-107398	DT14-Fujitsu	142/164	Active	\$234.00 2164332058
Printer, Laser	1500136	J10BS75	142/160N1	Active	\$6,556.00
Terminal, Data Processing	1435069	352XTC817	142/160PS	Active	\$1,547.00
Terminal, Data Processing	247364	3180BK745	142/160PS	Active	\$1,127.00
Terminal, Data Processing	1276284	3180Q3831RT320870	142/160PS	Active	\$1,127.00
Terminal, Data Processing	1276282	3180C3160RT318940	142/160PS	Active	\$1,377.00
Terminal, Data Processing	1747417	1303365	142/160PS	Active	\$1,377.00
Terminal, Data Processing	247370	3180BK310	142/160PS	Active	\$1,127.00
Terminal, Data Processing	320852	Q3400	142/160PS	Active	\$1,127.00
Terminal, Data Processing	318936	3180C2936	142/160PS	Active	\$1,377.00
Terminal, Data Processing	318929	3180C3298	142/160PS	Active	\$1,377.00
Terminal, Data Processing	318927	3180-A8439	142/160PS	Active	\$1,377.00
Terminal, Data Processing	276867	3180-DK432	142/160D	Active	\$1,007.00
Terminal, Data Processing	276244	3180-DP741	142/164	Active	\$1,007.00
Terminal, Data Processing	320906	Q1141	142/160PS	Active	\$1,127.00
Terminal, Data Processing	1226198	Q1141	142/160PS	Active	\$1,007.00
Computer, Micro	2006758	ZYJNT	142/269	Active	\$2,331.00
Computer, Portable	2049490	1J03CQK1D849	142/269	Active	\$870.00
Computer, Portable	2047609	74NUL	142/269	Active	\$2,331.00 ODIN
Display Unit	1886573	8399883	142/184	Active	\$500.00
PH-2	NT-107589	XSI-Starplus II	142/269	Active	\$212.00 2164336530
Telecommunication Device	2046884	M9915800375	142/269	Active	\$799.00
Whiteboard, Electronic	100647	311505	142/160	Active	\$2,125.00
Computer, Micro	2047190	6016DHMZA005	142/157	Active	\$1,807.00 ODIN
Display Unit	7790001273		142/157	Active	\$0.00 not on ODIN list
PH-2	NT-102420	XKT-GTE	142/157	Active	\$206.00 2164333479
Computer, Micro	7700005795		142/113	Active	\$0.00 not on ODIN list
Disk Drive Unit	2135064	63007839	142/160H	Active	\$3,628.00

Display Unit	7700005563		142/113	Active	\$0.00 not on ODIN list
PH-2	NT-103450	XKT-GTE	142/113	Active	\$206.00 2164335085
Switch, Communications	2135062	FAA0415L0NF	142/160H	Active	\$1,790.00
Computer, Micro	7700006078	U225JYFZA735	142/112	Active	\$1,747.00
Display Unit	7700005696	24C021460049	142/112	Active	\$0.00 CPU-7700006078
PH-2	NT-106509	XKT-GTE	142/112	Active	\$206.00 2164339714
Computer, Micro	7700001356	U118DYSZB877	114/282	Active	\$1,747.00
Display Unit	7790002017		142/282	Active	\$0.00 CPU-7700001356
Camera, Digital	1620355	309963	142/140	Active	\$789.00
Camera, Digital	1621259	183536924	142/140	Active	\$519.00
Camera, Video	1438011	0086393-25511073	142/286B	Active	\$1,270.00
Camera, Video	1438012	0086393-25511074	142/286B	Active	\$1,270.00
Camera, Video	1438010	0086393-25511076	142/151	Active	\$1,270.00
Camera, Video	1438009	0086393-25511132	142/140	Active	\$1,270.00
Camera, Video	1438008	0086393-25511128	142/138	Active	\$1,270.00
Computer, Micro	2047296	014H2EAF	142/160	Active	\$16,004.00 ODIN
Computer, Micro	7700003729	X149DYSZB009	142/140	Active	\$1,795.00
Computer, Micro	2006842	0Z0TW	142/150	Active	\$3,317.00
Computer, Micro	2006823	0Z0RL	142/150	Active	\$2,273.00
Computer, Micro	2133804	XB124258KXS	142/140	Active	\$722.00 ODIN
Computer, Micro	2050564	F4G6K01	142/151	Active	\$8,050.00
Computer, Micro	2006821	0Z0SP	142/140	Active	\$2,273.00
Computer, Micro	1502249	6DJC2	142/140	Active	\$632.00 ODIN
Computer, Micro	2006855	OZOC5	142/150	Active	\$3,317.00
Computer, Micro	1892471	F96VQ	142/140	Active	\$1,382.00 ODIN
Computer, Mini	2047409	10011249	142/140	Active	\$48,608.00 ODIN
Computer, Portable	1621257	4G16DW31TJF	142/140	Active	\$647.00
Computer, Portable	1749937	65019074	142/140	Active	\$657.00 ODIN
Disk Drive Unit	2135546	VLDC230049	142/140	Active	\$3,129.00
Disk Drive Unit, Optical	1501184	447136480	142/150	Active	\$1,219.00
Display Unit	2135083	S2301079VA	142/140	Active	\$672.00
Display Unit	2135082	RB17H4NT104035	142/140	Active	\$1,159.00
Display Unit	2135081	RB17H4MT301154	142/140	Active	\$1,159.00
Display Unit	7700002426	018GD43AH537	142/140	Active	\$0.00 CPU-7700003729
Display Unit	2133803	CY1121YRJPC	142/140	Active	\$0.00 CPU-2133804
Display Unit	2050566	004PJR	142/151	Active	\$43.00 ODIN
Display Unit	1402823	37C02664A	142/140	Active	\$0.00 CPU-1502249
Display Unit	2047295	0015LIO236	142/160	Active	\$589.00 ODIN
Display Unit	2006832	2221DA3GS659	142/150	Active	\$500.00
Display Unit	2135084	S2301082VA	142/140	Active	\$672.00
Display Unit	2050565	0929PX	142/151	Active	\$24.00 ODIN
Encoder/Decoder	2135645	6200000653	142/140	Active	\$7,960.00
Encoder/Decoder	2135646	6200000727	142/140	Active	\$7,960.00
Encoder/Decoder	2135644	6200000650	142/140	Active	\$7,960.00
PH-1	NT-103179	XKT-GTE	142/160	Active	\$193.00 2164332248
PH-2	NT-109595	XSI-Starplus II	142/140	Active	\$212.00 2164339061
Plotter, Graphics	2134192	SGI7G1401B	142/140	Active	\$404.00 ODIN
Printer, Laser	2134524	JPPCG07849	142/140	Active	\$2,000.00
Router, Ethernet	2134286	JMX0539K1BW	142/160	Active	\$1,951.00

Router, Ethernet	2005747	50023259	142/150	Active	\$27,599.00
Router, Ethernet	2005748	50023258	142/150	Active	\$27,599.00
Switch, Communications	2007958	FAA0333KILR	142/150	Active	\$3,677.00
Switch, Communications	2007959	GSS0333R02M	142/150	Active	\$3,677.00
Switch, Ethernet	2134284	FAB0537Y0BV	142/160	Active	\$2,836.00
Switch, Ethernet	1620865	FAA0320M0U2	142/160	Active	\$2,672.00 ODIN
Switch, Ethernet	2134285	FAB0536U0Q0	142/160	Active	\$2,836.00
Computer, Micro	7700006202	V225KW7ZA690	142/160	Active	\$2,144.00
Computer, Micro	7700003152	U142FCDZA005	142/158	Active	\$2,144.00
Computer, Micro	7700002935	XB13712EKSD	142/199	Active	\$1,995.00
Computer, Portable	7700005914	6J26KBSZ3018	142/158	Active	\$2,247.00
Display Unit	2050639	TW00636U1296114C	142/158	Active	\$1,796.00
Display Unit	7700003548	2.18013E+11	142/199	Active	\$0.00 CPU-7700002935
Display Unit	7700000911	41E020500610	142/160	Active	\$0.00 CPU-7700006202
Display Unit	1890592	2757116	142/158	Active	\$0.00
Display Unit	1402822	37C02558A	142/160G	Active	\$1,599.00
Display Unit	7700002458	41E012500899	142/158	Active	\$0.00 CPU-7700003152
External Disk Drive	7700002758	32057	142/199	Active	\$0.00 CPU-7700002935
PH-2	NT-100519	XKT-GTE	142/158	Active	\$206.00 2164335932
USB Hub	7700002784	GCH010708564	142/199	Active	\$0.00 CPU-7700002935
Computer, Micro	2047208	6016DHMZA039	142/189	Active	\$1,783.00
Computer, Micro	2135185	CL21400293	142/189	Active	\$547.00
Display Unit	7190001045		142/189	Active	\$0.00 CPU-2047208
Display Unit	1887579	09656A112416	142/189	Active	\$802.00
PH-3	NT-100679	DT14DS-Fujitsu	142/189	Active	\$228.00 2164339702
Computer, Micro	1747185	0800690A0D9A	142/285	Active	\$2,447.00
Computer, Mini	2046047	15688964U23GZ434	142/285	Active	\$404.00 ODIN
Converter, Digital	2045866	-280049	142/282	Active	\$1,950.00
Converter, Video	2046051	None	142/285	Active	\$1,000.00
Converter, Video	2046050	None	142/285	Active	\$1,000.00
Disk Drive Unit	2046049	None	142/285	Active	\$1,000.00
Disk Drive Unit	2046048	None	142/285	Active	\$1,000.00
Display Unit	2046045	7025178	142/285	Active	\$2,000.00 ODIN
Display Unit	2046046	7025175	142/285	Active	\$2,000.00 ODIN
PH-2	NT-100720	XKT-GTE	142/285	Active	\$206.00 2164338798
Computer, Micro	7700005802		142/158	Active	\$0.00 not on ODIN list
Display Unit	7700005694		142/158	Active	\$0.00 not on ODIN list
PH-2	NT-107225	XSI-Starplus II	142/158	Active	\$212.00 2164332041
Computer, Micro	1503116	634F169F	142/286A	Active	\$2,381.00
Computer, Micro	2049081	None	142/106	Active	\$1,825.00
Computer, Micro	2134953	None	142/286B	Active	\$1,000.00
Disk Drive Unit	1228833	226G1337	142/260B	Active	\$697.00
PH-2	NT-110438	XSI-Starplus II	142/106	Active	\$212.00 2164335211
Printer, ADP	2134115	C7Y0000706	142/286	Active	\$3,186.00
Back Up Unit	1439178	519G1553	142/248	Active	\$1,150.00
Camera, Digital	1620828	54521083	7/118	Active	\$782.00

Computer, Micro	1890262	EN62W	7/118	Active	\$1,783.00
Computer, Micro	2047252	GPM500B	7/118	Active	\$2,756.00
Computer, Micro	2047253	8MM500B	7/118	Active	\$587.00 ODIN
Computer, Micro	2050385	A023808	7/118	Active	\$4,668.00
Computer, Micro	2076426	None	311/CR	Active	\$23,313.00
Computer, Micro	1890261	EN632	7/118	Active	\$1,783.00
Computer, Micro	1890260	EN62T	7/118	Active	\$1,783.00 Nems-D. Klanac
Computer, Micro	1621030	15M600B	7/118	Active	\$715.00 ODIN
Computer, Micro	2045975	294516	7/118	Active	\$737.00 ODIN
Computer, Micro	2134333	FW11450213	54/Trailer	Active	\$6,957.00 ODIN
Computer, Micro	7700003264	X143DYSZB334	7/118	Active	\$1,783.00
Computer, Micro	1621029	25M600B	7/118	Active	\$715.00 ODIN
Computer, Portable	2045911	UV94961GH78	7/118	Active	\$2,165.00
Computer, Portable	2045912	UV9494WNH78	7/118	Active	\$2,165.00
Display Unit	2047254	2981519	7/118	Active	\$600.00 ODIN
Display Unit	2047255	2981517	7/118	Active	\$600.00
Display Unit	2047256	2981518	7/118	Active	\$600.00 ODIN
Display Unit	7700003506	2.18013E+11	7/118	Active	\$0.00 CPU-7700003264
Display Unit, Rackmount	2006949	930FA34HA275	7/118	Active	\$1,337.00
Display Unit, Rackmount	2006948	930FA34HA189	7/118	Active	\$1,337.00
Generator, Noise	2008092	L340	7/118	Active	\$4,300.00
Generator, Noise	2008093	L341	7/118	Active	\$5,200.00
Interface	L023018	10533	7/118	Active	\$4,512.00
PH-2	NT-100627	XKT-GTE	7/118	Active	\$206.00 2164338289
Power Supply, Uninterrupt	1621008	XS0022003020	7/Shop	Active	\$2,333.00
Printer, ADP	2050362	A348593	7/118	Active	\$1,652.00
Receiver, GPS Time and	12134308	224023356	7/118	Active	\$3,396.00
Router, Ethernet	2076329	JAB042187F8	311/CR	Active	\$5,937.00
Server, Communications	2134167	3902A762	7/118	Active	\$422.00 ODIN
Computer, Micro	7700000501	V203DYSZA055	142/110	Active	\$1,795.00
Display Unit	7700000107	2.18015E+11	142/110	Active	\$0.00 CPU-7700000501
PH-2	NT-103536	XKT-GTE	142/110	Active	\$206.00 2164332434
Computer, Micro	7700000504	V203DYSZA104	142/106	Active	\$1,807.00
Computer, Micro	2046560	H83AF	142/106	Active	\$422.00
Display Unit	7700000708	41E020300142	142/106	Active	\$0.00 CPU-7700000504
External Zip Drive	7700000718	6JEN02946M	142/106	Active	\$0.00 CPU-7700000504
PH-2	NT-105696	XKT-GTE	142/106	Active	\$206.00 2164333861
Computer, Micro	7700002902	XB13712RKSD	142/138	Active	\$2,307.00
Display Unit	7700000403		142/138	Active	\$0.00 CPU-7700002902
USB Hub	7700003004	GCH0708553	142/138	Active	\$0.00 CPU-7700002902
VST USB Floppy Drive	7700002713	39019	142/138	Active	\$0.00 CPU-7700002902
Computer, Micro	2006845	OZ0P1	142/144	Active	\$518.00 ODIN
Computer, Micro	7700003025	FT13420288	86/300B	Active	\$6,575.00
Display Unit	7700003033	0132LB0332	86/300B	Active	\$0.00 CPU-7700003025
Display Unit	2048016	2136264	142/144	Active	\$936.00
PH-2	NT-101247	XKT-GTE	86/300B	Active	\$206.00 2164335334

Computer, Micro	2048220	FW02850111	142/287	Active	\$1,498.00
Computer, Micro	7700000895	U212JYFZB453	142/106	Active	\$1,843.00
Display Unit	1888985	55341A1E6S28	142/193	Active	\$0.00 CPU-1888986
Display Unit	2006445	9126772MB	142/106	Active	\$1,400.00 CPU-7700000895
Display Unit	2048184	240137	142/260	Active	\$1,000.00 ODIN
Display Unit	1748445	2050658	142/287	Active	\$862.00
PH-2	NT-105292	XKT-GTE	142/189	Active	\$206.00 2164332724
PH-2	NT-107760	XKT-GTE	142/106	Active	\$206.00 2164332390
Base Monitor Stand	7700005875	N/A	142/293	Active	\$0.00 CPU-7700005886
Computer, Micro	NT-110404	XSI-Starplus II	142/293	Active	\$212.00
Computer, Portable	48426	SG83000616	142/293	Active	\$1,327.00
Computer, Portable	7700005886	6J26KBSZC061	142/293	Active	\$2,391.00
Docking Station	7700005920	1Y25CMT3A009	142/293	Active	\$0.00 CPU-7700005886
Analyzer, Spectrum	1502987	3623A00529	54/Tra C	Active	\$3,151.00
Computer, Micro	2007839	59DTE	54/16	Active	\$1,783.00
Computer, Micro	2046246	6001DBLZK007	54/234	Active	\$1,792.00 ODIN
Display Unit	2007900	2221DA6LK589	54/16	Active	\$0.00
Display Unit	1504230	7012615	54/16	Active	\$0.00
PH-2	NT-100316	XSI-Starplus II	54/16	Active	\$212.00 2164339644
Printer, Label	1225684	32453	54/CAB A	Active	\$850.00
Computer, Micro	7700003492	U146FCDZA008	142/112	Active	\$2,144.00
Computer, Micro	2135625	643WN11	142/160	Active	\$1,265.00
Display Unit	7700003199	41E012600173	142/113	Active	\$0.00 CPU-7700003492
PH-2	NT-100806	XKT-GTE	142/113	Active	\$206.00 2164339384
Printer, Laser	1406546	USFC019401	142/160	Active	\$81.00
Computer, Micro	7700001352	U118DYSZB917	142/282	Active	\$1,747.00
Display Unit	7700001509	113CG43HG113	142/282	Active	\$0.00 CPU-7700001352
Base EM Monitor Stand	7700000935	None	142/189	Active	\$0.00 CPU-7700000811
Computer, Portable	7700000811	3J22KBSZL061	142/189	Active	\$2,400.00
Display Unit	7700000936	41E020800731	142/189	Active	\$0.00 CPU-7700000811
Docking Station	7700000959	1Y22CMT3W0CF	142/189	Active	\$0.00 CPU-7700000811
PH-2	NT-100299	XSI-W/SPK	142/189	Active	\$206.00 2164335901
Camera, Video	1438013	0086393-25511084	7/119	Active	\$1,270.00
Computer, Micro	2006679	FW91310694	7/118	Active	\$860.00
PH-2	NT-105625	XKT-GTE	7/118	Active	\$206.00 2164338933
Computer, Micro	2048014	B9CX20B	142/144	Active	\$2,778.00
Computer, Micro	1501773	EJ6CC	142/140	Active	\$586.00 ODIN
Computer, Micro	1620933	US048WKK4811008F	142/144	Active	\$4,916.00
Computer, Micro	1888699	807FC456	322/104	Active	\$1,251.00
Computer, Portable	2007637	WSQ9P	142/160	Active	\$586.00
Display Unit	1501772	59119C5WYB	142/140	Active	\$0.00
PH-3	NT-107369	DT14DS-Fujitsu	142/144	Active	\$228.00
Switch, Communications	2049402	FAA044IJ03E	322/104	Active	\$2,006.00
Switch, Communications	2049404	FAA0441Y05H	322/104	Active	\$2,006.00

Computer, Micro	7700004659	X108DYSZB109	3/5	Active	\$1,747.00
Display Unit	7700004260	048CG43HF974	3/5	Active	\$0.00 CPU-7700004659
PH-3	NT-110702	DT12DS-Fujitsu	3/5	Active	\$234.00 2164338529